

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

1. Identify concepts and principles of data entry, analysis, presentation and interpretation.
2. Summarize data through the appropriate use of tables, graphs, and descriptive statistics.
3. Select and apply appropriate statistical methods for testing research hypotheses and answering research questions.

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	Feature of the SPSS Program	1	2
2	Common Window Features	2	2
3	The Menus – Overview	3	2
4	Data File Preparation	4	2
5	Steps of testing statistical hypothesis	5	2
6	Descriptive Statistics	6	2
7	Midterm exam	7	2
8	Parametric test: Independent t-test	8	2
9	Non-Parametric test: Mann-Whitney U test	9	2
10	Parametric test: Paired t-test	10	2
11	Non-Parametric test: Wilcoxon signed rank test	11	2
12	Parametric Tests: One-way-ANOVA	12	2
13	Nonparametric Test: Kruskal-Wallis test	13	2
14	Non-Parametric test: Friedman test	14	2
15	Relationship: Chi-square test	15	2
16	Final exam	16	2
Number of Weeks /and Units Per Semester		16	32

B- Practical Aspect:			
Order	Topics List	Week Due	Contact Hours
1	Feature of the SPSS Program	1	1
2	Working with data	2	1
3	Data File Preparation	3-4	2
4	Testing Normality	5	1
5	Descriptive Statistics	6	1
6	Independent Samples T-Test	7	1
7	Midterm Exam	8	1
8	Mann-Whitney U test	9	1
9	Paired t-test	10	1
10	Wilcoxon signed rank test	11	1
11	One-way-ANOVA	12	1
12	Kruskal-Wallis test	13	1
13	Friedman test	14	1
14	Chi-esquire test	15	1
15	Final exam	16	1
Number of Weeks /and Units Per Semester		16	32

VI. Teaching strategies of the course:
1. Demonstration
2. Student assignments
3. Practical session
4. Presentation: <ul style="list-style-type: none"> • McNemar test • Cochran Q test • One sample t-test • One sample chi-square test

VII. Assignments:				
No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
1	One assignment for each statistical test	a1 , b1, d1	2-14	20

VIII. Schedule of Assessment Tasks for Students during the Semester: Theoretical part and Practical part					
No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Presentation	4th and 12th week	10	10%	a1, b1,c1,d1
2	Assignments	5th and 12th week	20	20%	a1, b1,c1,d1
3	Mid-term exam	7th or 8th week	20	20%	a1, b1,c1,d1
4	Final exam	16th-17th week	50	50 %	a1 , b1,c1, d1
Total Theory Weight			100	100%	

IX. Learning Resources:	
1- Required Textbook(s)	
	1. SPSS Programming and Data Management. A Guide for SPSS and SAS® Users, 3rd ed. Raynald Levesque and SPSS Inc, 2001
2- Essential References.	
	1. An Introduction to Biostatistics: A manual for students in Health Sciences: P.S.S. Sundar Rao, J. Richard Prentice Hall , New Delhi, 2005. 2. Bio-Statistics: A foundation for Analysis in the Health Sciences: Daniel, W.W., John Wiley and Pub., Canada, 2006. 3. Handbook of Statistics: Krishnaiah, P.K., C.R. (ed), Elsevier Science 2011.
3- Electronic Materials and Web Sites etc.	
	www.google.com

X. 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
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6.	Plagiarism: Plagiarism by any means will cause the student failure in the course. Other disciplinary procedures will be according to the college rules.



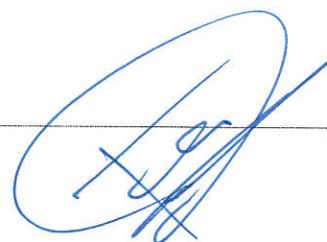
Course Specification

II. Course Identification and General Information:						
1	Course Title:	Critical Care Nursing III				
2	Course Code & Number:	MCCN04				
3	Credit hours: 4	C.H				TOTAL
		Th.	Seminar	Pr	Tr.	
		2	-	-	2	4
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. Abdulhameed Ali Lotf Al-Thifani				
11	Date of Approval	2022				

III. Course Description:

This course is a continuation of critical care nursing. The course is designed to assist nurses in advancing their expertise and knowledge in the field of critical care nursing. Nurses are able to develop advanced skills in caring for critically ill patients using nursing process. It enables them to function as critical care nurse specialist. It further enables them to function as educator, manager practitioner, and researcher in the field of Critical Care Nursing. The course covers two major concepts -neurological changes and several systemic changes that include burns, hematology, oncology, immunology and trauma. The course deals with the presentation, management, and nursing intervention of patients with oncology. Toxic ingestion and antidote discussed.

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



Program Intended learning outcomes (PILOs)

ILCOs	PILOs
1. Identify the terms related to comfort and sedation, ways to assess the patient for pain, discomfort, confusion, agitation and anxiety and the common pharmacologic and non-pharmacologic management.	A1
2. State the causes, clinical symptoms and management of delirium and dementia.	A4
3. Analyze benefits and challenges of parental and enteral nutrition and ways to assess and monitor effectiveness of nutritional supplementation	B1
4. Describe the classifications and the types of shock found in each class, the causes, the pathophysiology, progression, clinical presentation, diagnostic lab results and management of each shock state.	A4
5. Describe nursing care plan for patient with neurological changes and several systemic changes that include burns, hematology, oncology, immunology and trauma. Interpret how vasoactive medications are used to improve blood pressure, cardiac output, contractility and reduce SVR and calculate accurate dosages of vasoactive medications and their infusion rates.	A5 B1 A3
6. Define palliative care and end of life care and ways to support patients and their families during and after bad news is given and the management of the dying patient in the ICU.	D5
7. Discuss the ethical and legal issues that arise when making end of life decisions.	A4
8. Describe the classification of burns, primary and secondary assessment of burn patient and a trauma patient using ABCDE and management of burn and trauma patients.	
9. Apply nursing care for critically ill patient with neurological changes and several systemic changes that include burns, hematology, oncology, immunology and trauma.	C5

(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. Identify the terms related to comfort and sedation, ways to assess the	Lecture Discussion – critical thinking	Essay type Short answer

patient for pain, discomfort, confusion, agitation and anxiety and the common pharmacologic and non-pharmacologic management.	Role playing and case study reviews	Objective type
a3. Define palliative care and end of life care and ways to support patients and their families during and after bad news is given and the management of the dying patient in the ICU.	Lecture Discussion – critical thinking Role playing and case study reviews	Essay type Short answer Objective type
a4. State the causes, clinical symptoms and management of delirium and dementia.	Lecture Discussion – critical thinking Role playing and case study reviews	Short answer Objective type
a4. Describe the classifications and the types of shock found in each class, the causes, the pathophysiology, progression, clinical presentation, diagnostic lab results and management of each shock state.	Lecture Discussion – critical thinking Role playing and case study reviews	Short answer Objective type
a4. Describe the classification of burns, primary and secondary assessment of burn patient and a trauma patient using ABCDE and management of burn and trauma patients.	Lecture Discussion – critical thinking Role playing and case study reviews	Short answer Objective type
a5. Describe nursing care plan for patient with neurological changes and several systemic changes that include burns, hematology, oncology, immunology and trauma.	Lecture Discussion –	Short answer 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. Interpret how vasoactive medications are used to improve blood pressure, cardiac output, contractility and reduce SVR and Calculate accurate dosages of vasoactive medications and their infusion rates.	Lecture Discussion – critical thinking	Short answer Objective type
b1. Analyze benefits and challenges of	Lecture Discussion –	Short answer

parental and enteral nutrition and ways to assess and monitor effectiveness of nutritional supplementation.	critical thinking	Objective type
b1. Recognize components and normal values of the conduction system and the related PQRST of the ECG tracing and hemodynamic monitoring.	Lecture Discussion – critical thinking Case study reviews	Short answer Objective type
b1. Explain when mechanical ventilation is needed and how the ventilator modes and settings are determined.	Lecture Discussion – critical thinking	Short answer Objective type
b4. Differentiate normal and abnormal values for ABG analysis; respiratory acidosis, respiratory alkalosis, metabolic acidosis and metabolic alkalosis	Lecture Discussion – critical thinking Case study reviews	Short answer 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. Apply leads for cardiac monitoring, interpret and monitor cardiac rhythms	Clinical session Presentation Role playing Case study reviews Log book & Assignments Activities	Short answer Objective type Clinical performance Clinical exam
c2. Monitor hemodynamic status, and recognize signs and symptoms of hemodynamic instability	Clinical session Presentation Role playing Case study reviews Log book & Assignments Activities	Short answer Objective type Clinical performance Clinical exam
c2. Apply pulmonary therapeutic interventions related to mechanical ventilation such as airway clearance, intubation, weaning, extubation, respiratory monitoring devices, therapeutic gases, thoracentesis and	Clinical session Presentation Role playing Case study reviews Log book & Assignments	Short answer Objective type Clinical performance Clinical exam

tracheostomy with mechanical ventilation.	Activities	
c4. Manage patients requiring 12-lead ECG, arterial catheter, cardiac catheterization, cardioversion, central venous pressure monitoring, defibrillation and invasive hemodynamic monitoring.	Clinical session Presentation Role playing Case study reviews Log book & Assignments Activities	Short answer Objective type Clinical performance Clinical exam
c5. Apply nursing care for critically ill patient with neurological changes and several systemic changes that include burns, hematology, oncology, immunology and trauma.	Clinical session Presentation Role playing Case study reviews Log book & Assignments Activities	Short answer Objective type Clinical performance Clinical exam
(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
d5. Discuss the ethical and legal issues that arise when making end of life decisions.	Lecture Discussion – critical thinking	Short answer Objective type

IV. Course Content:

A – Theoretical Aspect:

Order	Units/Topics List	Sub Topics List	No. of Weeks	Contact hours	Learning Outcomes
1	Comfort and Sedation	<ul style="list-style-type: none"> • Definition the terms: pain, discomfort, confusion, agitation, anxiety, comfort and sedation scales • Delirium, Dementia signs & symptoms • Confusion • Pharm and non-pharm therapies 	1	2	a1,a4
2	Nutritional	<ul style="list-style-type: none"> • Assessing nutritional status 			

	Support	<ul style="list-style-type: none"> • Enteral and Parenteral nutrition • Monitoring nutritional status and determining if needs are met • Nursing care of patient with nutritional disorders 	1	2	b1,a5
3	Shock States: Distributive, Hypovolemic, Cardiogenic & Obstructive	<ul style="list-style-type: none"> • Etiology & Pathophysiology • Clinical Signs & Symptoms, including hemodynamics • Management – Pharmacologic & Non-pharmacologic • Evaluation of Treatment Plan • Goals of Care • Nursing Care for patients in shock states 	2	4	a4,a5
4	Neurological disorders	<ul style="list-style-type: none"> • Nursing management including advanced neurological assessment, common diagnostics, pharmacology and neurological emergencies for the following topics: <ul style="list-style-type: none"> ○ Stroke ○ cerebrovascular accident ○ Acute spinal cord injury ○ Neurosurgery ○ Head injury ○ seizure disorders ○ Guillein Barre-syndrome ○ myasthenia gravis ○ Coma ○ encephalopathy 	4	8	a4,a5,b1,d3

		<ul style="list-style-type: none"> Management modalities: Assessment of intracranial pressure, management of intracranial hypertension, craniotomy, problems related to neurological disorders: thermo regulation, Unconsciousness, herniated disc syndrome. 			
5	Midterm exam		1	2	a1,a4,a5, b1
6	Hematology, oncology and immune diseases.	<ul style="list-style-type: none"> General overview of the changes in red blood cells (RBCs) Immune activity and coagulation function. Assessment and management of specific lesions are discussed. Presentation, management, and nursing intervention of patients with oncology. Toxic ingestion and antidote discussed. 	2	4	b1,b4
7	Trauma-related Injuries	<ul style="list-style-type: none"> Traumatic Injury – Penetrating & Blunt Management of patients with trauma. Nursing care of trauma patients 	1	2	a4,a5
8	Burns	<ul style="list-style-type: none"> Classification, pathophysiology, clinical features, evaluation, diagnosis, prognosis, treatment of burns. Fluid and electrolyte therapy - calculation of fluids and its management 	2	4	a1,a4,a5, b1

		<ul style="list-style-type: none"> • Pain, Wound care • infection control • prevention and management of complications burns • grafts and flaps, reconstructive surgery and rehabilitation • Nursing care of patients with burn 			
9	End of Life Care	<ul style="list-style-type: none"> • Breaking Bad News to Patients and/or their families • Managing the dying patient in the ICU • Ethical and Legal Issues at the End of L 	1	2	a3,a5,d5
10	Final exam		1	2	a1, a3,a4, a5,b1,b4, d5
Number of Weeks /and Units Per Semester			16	32	

B - Clinical Aspect:

Order	Tasks/ Experiments	Number of Weeks	Contact hours	Learning Outcomes
1	Nursing care of patient with nutritional disorders	1-2	6	c4
2	Nursing care of patient with shock states: Distributive, hypovolemic, Cardiogenic & Obstructive	3-4	6	c2,c4.c5
3	Nursing care of neurological disorders	5-8	12	c2,c4.c5
4	Nursing care of patient with hematology, oncology and immune diseases.	9-10	6	c2,c4.c5
5	Nursing care of trauma-related injuries	11-12	6	c2,c4.c5
6	Nursing care of burn patients	13-14	6	c2,c4.c5
7	Nursing care of patients with end of Life	15	3	c2,c4.c5
8	Final clinical exam	16	3	c2,c4.c5
Number of Weeks /and Units Per Semester		16	48	.

V. Assignments:

No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
1	<ul style="list-style-type: none"> Principles, modes and settings of mechanical ventilation Complications of ventilator 	b1,b4	5-10	10

VI. 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 - 12th week	10	10 %	a1,a3,a4,a5,b1,b4,d5,c2,c4.c5
2	Presentation	4 st - 14 th week	20	20 %	a1,a3,a4,a5,b1,b4,d5,c2,c4.c5
3	Mid-term exam	7th or 8th week	20	20%	c2,c4.c5
4	Final exam	16th-17th week	50	50 %	a1,a3,a4,a5,b1,b4,d5
Total Theory Weight			100	100%	

VII. Learning Resources:

1- Required Textbook(s)

- Sole, Klein & Moseley.(2013). Introduction to Critical Care Nursing (6th Edition). US: Saunders Goldman, M. (2007).
- Pocket Guide to the Operating Room (3rd Edition). Philadelphia: Davis. Carlson, K. (2009).
- AACN Advanced Critical Care Nursing. Saunders. Chapter 14, pages 297-318.

2- Essential References.

- Siegel, M. (2009).End-of-Life Decision Making in the ICU. Clinical Chest Medicine, 30, 181-194

3- Electronic Materials and Web Sites etc.

<http://www.google.com>

VIII. Course Policies:

- 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.
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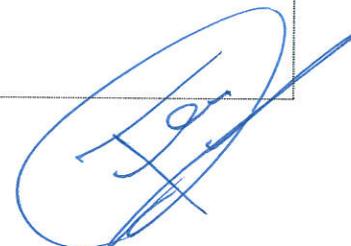


Course Plan (Syllabus)

I. Information about Faculty Member Responsible for the Course:							
Name of Faculty Member	Dr. Abdulhammed Al-Thifani	Office Hours					
Location & Telephone No.	736650016	SAT	SUN	MON	TUE	WED	THU
E-mail	althifanil@hotmail.com	x					

II. Course Identification and General Information:					
1.	Course Title:	Critical care nursing III			
2.	Course Number & Code:	MCCN04			
3.	Credit hours: 4	C.H			Total
		Th.	Seminar	Pr.	
		2	-	-	2
4.	Study level/year 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.	System of Study:	Semester system			
10.	Mode of delivery:	Full time			
11.	Location of teaching the course:	Faculty of Nursing			

III. Course Description:	
<p>This course is a continuation of critical care nursing. The course is designed to assist nurses in advancing their expertise and knowledge in the field of critical care nursing. Nurses are able to develop advanced skills in caring for critically ill patients using nursing process. It enables them to function as critical care nurse specialist. It further enables them to function as educator, manager practitioner, and researcher in the field of Critical Care Nursing.</p>	



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

1. Identify the terms related to comfort and sedation, ways to assess the patient for pain, discomfort, confusion, agitation and anxiety and the common pharmacologic and non-pharmacologic management.
2. State the causes, clinical symptoms and management of delirium and dementia.
3. Analyze benefits and challenges of parental and enteral nutrition and ways to assess and monitor effectiveness of
4. nutritional supplementation
5. Describe the classifications and the types of shock found in each class, the causes, the pathophysiology, progression, clinical presentation, diagnostic lab results and management of each shock state.
6. Describe nursing care plan for patient with neurological changes and several systemic changes that include burns, hematology, oncology, immunology and trauma. Interpret how vasoactive medications are used to improve blood pressure, cardiac output, contractility and reduce SVR and calculate accurate dosages of vasoactive medications and their infusion rates.
7. Define palliative care and end of life care and ways to support patients and their families during and after bad news is given and the management of the dying patient in the ICU.
8. Discuss the ethical and legal issues that arise when making end of life decisions.
9. Describe the classification of burns, primary and secondary assessment of burn patient and a trauma patient using ABCDE and management of burn and trauma patients.
10. Apply nursing care for critically ill patient with neurological changes and several systemic changes that include burns, hematology, oncology, immunology and trauma.

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	Comfort and Sedation	1	2
2	Nutritional Support	2	2
3	Shock States: Distributive, Hypovolemic, Cardiogenic & Obstructive	3-4	4
4	Neurological disorders	5-8	8
5	Midterm exam	9	2

6	Hematology, oncology and immune diseases.	10-11	4
7	Trauma-related Injuries	12	2
8	Burns	13-14	4
9	End of Life Care	15	2
10	Final exam	16	2
Number of Weeks /and Units Per Semester		16	32

B- Practical Aspect:

Order	Topics List	Week Due	Contact Hours
1	Nursing care of patient with nutritional disorders	1-2	6
2	Nursing care of patient with shock states: Distributive, hypovolemic, Cardiogenic & Obstructive	3-4	6
3	Nursing care of neurological disorders	5-8	12
4	Nursing care of patient with hematology, oncology and immune diseases.	9-10	6
5	Nursing care of trauma-related injuries	11-12	6
6	Nursing care of burn patients	13-14	6
7	Nursing care of patients with end of Life	15	3
8	Final clinical exam	16	3
Number of Weeks /and Units Per Semester		16	48

VI. Teaching strategies of the course:

1. Lecture Discussion
2. Presentation
3. Role playing
4. Case study reviews
5. Assignments
6. Activities

VII. Assignments:

No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
1	• Complications of ventilator	b1,b4	5-10	10

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	Cases Study and Presentation	15th week	10	10%	a1,a3,a4,a5,b1, b4,d5,c2,c4.c5
2	Weekly Clinical Logs & Assignments	5th - 12th week	10	10%	a1,a3,a4,a5,b1, b4,d5,c2,c4.c5
3	Clinical Performance/ Professional Behavior	5th - 12th week	15	15%	c2,c4.c5
4	Mid-term exam	7th or 8th week	15	15%	a1,a3,a4,a5,b1, b4,d5
5	Final exam (theory and clinical)	16th-17th week	50	50 %	a1,a3,a4,a5,b1, b4,d5,c2,c4.c5
Total Theory Weight			100	100%	

VIII. Learning Resources:

1- Required Textbook(s)

1. Sole, Klein & Moseley.(2013). Introduction to Critical Care Nursing (6th Edition). US: Saunders Goldman, M. (2007).
2. Pocket Guide to the Operating Room (3rd Edition). Philadelphia: Davis. Carlson, K. (2009).
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2- Essential References.

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Course Plan (Syllabus)

I. Information about Faculty Member Responsible for the Course:							
Name of Faculty Member		Office Hours					
Location & Telephone No.		SAT	SUN	MON	TUE	WED	THU
E-mail		X					

II. Course Identification and General Information:						
1.	Course Title:	Advanced Pathophysiology				
2.	Course Number & Code:	MNSG04				
3.	Credit hours: 2	C.H			Total	
		Th.	Seminar	Pr.		F. Tr.
		2	-	-		-
4.	Study level/year at which this course is offered:	First year/First 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.	System of Study:	Semester system				
10.	Mode of delivery:	Full time				
11.	Location of teaching the course:	Faculty of Nursing				

III. Course Description:

The course focuses on the mechanism of development of pathological changes in various systems physiology it explains reason for development of such pathological condition. Emphasis is placed on the clinical manifestation of each pathophysiological condition.



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

1. Evaluate the pathological change result at specific body system disorder.
2. Differentiate between normal and abnormal physiological function at specific body system
3. Describe the ability of a specific body system to adapt to a body organ disorder
4. Discuss the phases of development of physiologic disorder.
5. Recognize susceptibility to develop pathophysiological condition and Clinical manifestations

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	Introduction to pathophysiology	1	2
2	Heart failure	2	4
3	Hemorrhage	3	2
4	Circulatory shock	4	2
5	Chronic renal failure	5	2
6	Diabetes mellitus	6	2
7	Disturbances in the rate and rhythm of the heart beats	7	2
8	Midterm exam	8	2
9	Disturbances of coronary blood flow	9	2
10	Hypertension	10	2
11	Pain sensation	11	2
12	Respiratory failure	12	2
13	Thyroid crisis	13	2
14	Fluid & electrolyte imbalance	14	2
15	Hepatic failure	15	2
16	Final exam	16	2
Number of Weeks /and Units Per Semester		16	32

B– Practical Aspect:			
Order	Topics List	Week Due	Contact Hours
	Not applicable	-	-
Number of Weeks /and Units Per Semester		-	-

VI. Teaching strategies of the course:
1. Lecture - Discussion

VII. Assignments:				
No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
1	Write about the reason for develop of changes pathological.	a2,b2,b4	5-12	10

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	Student assignment	5th and 12th week	10	10 %	a2,b2,b4
2	Presentation	4 st and 14 th week	20	20 %	a2,b2,b4
3	Mid-term exam	7th or 8th week	20	20%	a2,b2,b4
4	Final exam	16th-17th week	50	50 %	a2,b2,b4
Total Theory Weight			100	100%	

IX. Learning Resources:

1- Required Textbook(s)

1. Price S & Wilson L. Pathophysiology; Clinical concepts of disease process
Mc Graw . Hill New York 2010.

2- Essential References.

1. Price S & Wilson L. Pathophysiology; Clinical concepts of disease process Mc
Graw . Hill New York 2010.

3- Electronic Materials and Web Sites etc.

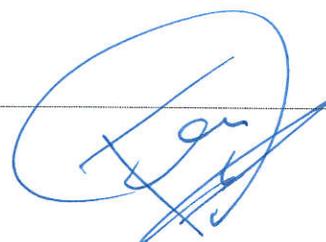
1. <http://www.yahoo.com>
2. <http://www.google.com>

X. 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.

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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				

II. Course Identification and General Information:					
1.	Course Title:	Critical care nursing II			
2.	Course Number & Code:	MCCN03			
3.	Credit hours: 4	C.H			Total
		Th.	Seminar	Pr.	
		2	-	-	2
4.	Study level/year 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.	System of Study:	Semester system			
10	Mode of delivery:	Full time			
11	Location of teaching the course:	Faculty of Nursing			

III. 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.	

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
1	Apply nursing care plan on 3 patients with critical diseases.	a5, c2,c3,c4,c5	5-10	10

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	Student assignment	5th and 12th week	10	10 %	a4,a5,b1,d3
2	Presentation	4 st and 14 th week	20	20 %	a5, c2,c3,c4,c5
3	Mid-term exam	7th or 8th 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 and 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%	

VIII. Learning Resources:

1- Required Textbook(s)

1. Adam S.K. & Osborne critical care nursing 1st 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. 1st ed. W. B. Saunders Company.

3- Electronic Materials and Web Sites etc.

1. <http://www.google.mu/>
2. http://uk.yahoo.com/index_narrow.html

IX. 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
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Course Specification

I. Course Identification and General Information:					
1	Course Title:	Emergency nursing			
2	Course Code & Number:	MCCN05			
3	Credit hours: 3	C.H			TOTAL
		Th.	Seminar	Pr	
2		-	-	1	3
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. Mohammed Al-Akmer			
11	Date of Approval	2022			

II. Course Description:

The theoretical and clinical aspects of this course introduce the student to the process and principles of providing efficient care during emergency and disaster situations. The student will receive comprehensive knowledge and skill training of emergency and disaster planning and management, and technical and legal issues related to the role of nurse in different emergency and disastrous situations. It further equips the student with the attitudes and skills necessary for handling multiple patient conditions and trauma situations. The practicum will focus on providing students with relevant clinical experience in a variety of emergency settings



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

ILCOs	PILOs
1. Identify significant nursing concepts and principles in providing care, treatment, and services in the emergency department.	A1
2. Identify assessment, measures history, physical examination, diagnosis and management of patients with emergency conditions.	A3
3. List causes, clinical manifestations, complications, diagnosis and management of emergency conditions.	A4
4. Use assessment and nursing process pertaining to complex emergency conditions.	C3
5. Apply nursing care plan to patients with emergency conditions.	C5
6. Evaluate and understand the importance of timely, effective and appropriate delivery of care.	B2 D2
7. Collaborate with other health team.	D3
8. Communicate effectively with patients and their families	

(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. Identify significant nursing concepts and principles in providing care, treatment, and services in the emergency department.	Lecture Discussion Demonstration	Short answer questions Objective type
a3. Identify assessment, measures history, physical examination, diagnosis and management of patients with emergency conditions.	Lecture Discussion Demonstration	Short answer questions Objective type
a4. List causes, clinical manifestations, complications, diagnosis and management of emergency 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
b2. Evaluate and understand the importance of timely, effective and appropriate delivery of care.	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
III. Course Content:		
emergency conditions.	Demonstration	
c5. Apply nursing care plan to patients with emergency conditions.	Clinical session Role play Demonstration	Short answer questions Objective type
(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
d2. Collaborate with other health team.	Lecture-Discussion	Short answer questions Objective type
d3. Communicate effectively with patients and their families	Lecture-Discussion	Short answer questions Objective type

A – Theoretical Aspect:

Order	Units/Topics List	Sub Topics List	No. of Weeks	Contact hours	Learning Outcomes
1	Introduction to emergency	<ul style="list-style-type: none"> • Process and principles emergency • Emergency planning and management, • Technical and legal issues related to emergency • The role of nurse in different emergency • Attitudes and skills necessary for handling multiple patient conditions and trauma situations. 	1	2	a3
2	Medical Emergencies.	<ul style="list-style-type: none"> • Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing Care for patients in Medical Emergencies. 	1	2	a1,a3,a4,b2,d2,d3
3	Trauma Emergencies	<ul style="list-style-type: none"> • Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing Care for patients in Trauma Emergencies 	1	2	a1,a3,a4,b2,d2,d3
4	ENT Emergencies.	<ul style="list-style-type: none"> • Common Disorders- etiology, Pathophysiology, Clinical 	1	2	a1,a3,a4,b2,d2,d3

		<p>manifestations, complications, prognosis.</p> <ul style="list-style-type: none"> • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing Care for patients in ENT Emergencies. 			
5	Pulmonary and Respiratory Emergencies.	<ul style="list-style-type: none"> • Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing Care for patients in Pulmonary and Respiratory Emergencies. 	1	2	a1,a3,a4,b 2,d2,d3
6	Cardiovascular Emergencies.	<ul style="list-style-type: none"> • Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing Care for patients in Cardiovascular Emergencies. 	1	2	a1,a3,a4,b 2,d2,d3
7	Hematological Emergencies.	<ul style="list-style-type: none"> • Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, 	1	2	a1,a3,a4,b 2,d2,d3

		<p>investigation and diagnostic assessment.</p> <ul style="list-style-type: none"> • Treatment modalities and trends. • Nursing Care for patients in Hematological Emergencies. 			
8	Midterm exam		1	2	a1,a3,a4,b 2,d2,d3
9	Abdominal and Gastrointestinal Emergencies.	<ul style="list-style-type: none"> • Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing Care for patients in Abdominal and Gastrointestinal Emergencies. 	1	2	a1,a3,a4,b 2,d2,d3
10	Genitourinary Emergencies and Sexually Transmitted Diseases.	<ul style="list-style-type: none"> • Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing Care for patients in Genitourinary Emergencies and Sexually Transmitted Diseases. 	1	2	a1,a3,a4,b 2,d2,d3
11	Obstetric and Gynecologic Emergencies.	<ul style="list-style-type: none"> • Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment-History taking, physical examination, investigation and diagnostic 	1	2	a1,a3,a4,b 2,d2,d3

		<p>assessment.</p> <ul style="list-style-type: none"> • Treatment modalities and trends. ▪ Nursing Care for patients in Obstetric and Gynecologic Emergencies. 			
12	Life Support and Resuscitation.	<ul style="list-style-type: none"> ▪ Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. ▪ Health assessment-History taking, physical examination, investigation and diagnostic assessment. ▪ Treatment modalities and trends. ▪ Nursing Care for patients in Life Support and Resuscitation. 	1	2	a1,a3,a4,b 2,d2,d3
13	Metabolic Emergencies.	<ul style="list-style-type: none"> ▪ Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. ▪ Health assessment-History taking, physical examination, investigation and diagnostic assessment. ▪ Treatment modalities and trends. ▪ Nursing Care for patients in Metabolic Emergencies. 	1	2	a1,a3,a4,b 2,d2,d3
14	Burns and Environmental Emergencies.	<ul style="list-style-type: none"> ▪ Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. ▪ Health assessment-History taking, physical examination, investigation and diagnostic assessment. ▪ Treatment modalities and trends. ▪ Nursing Care for patients in Burns and Environmental 	1	2	a1,a3,a4,b 2,d2,d3

		Emergencies.			
15	Shock States	<ul style="list-style-type: none"> ▪ Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. ▪ Health assessment-History taking, physical examination, investigation and diagnostic assessment. ▪ Treatment modalities and trends. ▪ Nursing Care for patients in Shock States 	1	2	a1,a3,a4,b2,d2,d3
16	Final exam		1	2	a1,a3,a4,b2,d2,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	Clinical practices in emergency department for medical and surgical conditions	1-14	42	c3, c5
2	Final exam	15-16	6	c3, c5
Number of Weeks /and Units Per Semester		16	48	
IV. Teaching strategies of the course:				
1. Lecture Discussion 2. Demonstration 3. Role play				

V. Assignments:

No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
1	Psychiatric and Behavioral Emergencies.	a1,a3,a4,b2,d2,d3	5-10	10

VI. Schedule of Assessment Tasks for Students During the Semester

No	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Presentation	15th week	10	10%	a1,a3,a4,b2,d2,d3
2	Student assignment	5th and 12th week	10	10%	a1,a3,a4,b2,d2,d3
3	Mid-term exam	7th or 8th week	20	20%	a1,a3,a4,b2,d2,d3
4	Final-exam	16th-17th week	60	60 %	a1,a3,a4,b2,d2,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%	c3,c5
2	Semester work	1 st and 14 th week	50	10%	c3,c5
3	Final exam (theory/ oral)	15 th week	15	50%	c3,c5
4	Final exam (practical)	16 th -17 th week	25	30%	c3,c5
Total Practical Weight			100	100%	

VII. Learning Resources:

1- Required Textbook(s)

1. Adam S.K. & Osborne critical care nursing 1st 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/ 2. http://uk.yahoo.com/index_narrow.html

VIII. Course Policies:	
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Course Plan (Syllabus)

I. Information about Faculty Member Responsible for the Course:								
Name of Faculty Member	Fauz Aboalghth	Mohammed	Office Hours					
Location & Telephone No.			SAT	SUN	MON	TUE	WED	THU



E-mail				X			
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II. Course Identification and General Information:

1.	Course Title:	Emergency nursing				
2.	Course Number & Code:	MCCN05				
3.	Credit hours: 3	C.H				Total
		Th.	Seminar	Pr.	F. Tr.	
		2	-	-	1	3
4.	Study level/year 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.	System of Study:	Semester system				
10	Mode of delivery:	Full time				
11	Location of teaching the course:	Faculty of Nursing				

III. Course Description:

The theoretical and clinical aspects of this course introduce the student to the process and principles of providing efficient care during emergency and disaster situations. The student will receive comprehensive knowledge and skill training of emergency and disaster planning and management, and technical and legal issues related to the role of nurse in different emergency and disastrous situations. It further equips the student with the attitudes and skills necessary for handling multiple patient conditions and trauma situations. The practicum will focus on providing students with relevant clinical experience in a variety of emergency settings

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

1. Identify significant nursing concepts and principles in providing care, treatment, and services in the emergency department.
2. Identify assessment, measures history, physical examination, diagnosis and management of patients with emergency conditions.
3. List causes, clinical manifestations, complications, diagnosis and management of emergency conditions.
4. Use assessment and nursing process pertaining to complex emergency conditions.
5. Apply nursing care plan to patients with emergency conditions.
6. Evaluate and understand the importance of timely, effective and appropriate delivery of care.
7. Collaborate with other health team.
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	Introduction to emergency	1	2
2	Medical Emergencies.	2	2
3	Trauma Emergencies	3	2
4	ENT Emergencies.	4	2
5	Pulmonary and Respiratory Emergencies.	5	2
6	Cardiovascular Emergencies.	6	2
7	Hematological Emergencies.	7	2
8	Midterm exam	8	2
9	Abdominal and Gastrointestinal Emergencies.	9	2
10	Genitourinary Emergencies and Sexually Transmitted Diseases.	10	2
11	Obstetric and Gynecologic Emergencies.	11	2
12	Life Support and Resuscitation.	12	2
13	Metabolic Emergencies.	13	2
14	Burns and Environmental Emergencies.	14	2
15	Shock States	15	2
16	Final exam	16	2
Number of Weeks /and Units Per Semester		16	32

B- Practical Aspect:			
Order	Topics List	Week Due	Contact Hours
1	Clinical practices in emergency department for medical and surgical conditions	1-14	42
2	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. Clinical session
4. Role play

VII. Assignments:

No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
1	Psychiatric and Behavioral Emergencies.	a1,a3,a4,b2,d2,d3	5-10	10

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	Student assignment	5th and 12th week	10	10 %	a1,a3,a4,b2,d2,d3
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3	Mid-term exam	7th or 8th week	20	20%	a1,a3,a4,b2,d2,d3
4	Final exam	16th-17th week	50	50 %	a1,a3,a4,b2,d2,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%	c3,c5
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3	Final exam (theory/oral)	15 th week	15	50%	c3,c5
4	Final exam (practical)	16 th -17 th week	25	30%	c3,c5
Total Practical Weight			100	100%	

VIII. Learning Resources:

1- Required Textbook(s)

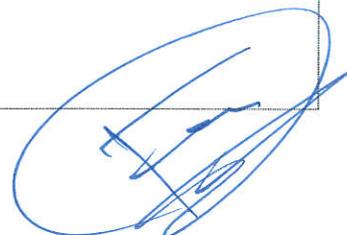
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