

Course Specification

I. Course Identification and General Information:					
1	Course Title:	Neonatal Health Nursing II			
2	Course Code & Number:	MMNHN05			
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:	MMNHN01,03,06 and 07			
6	Co –requisite :	-			
7	Program (s) in which the course is offered:	Maternal and Neonatal Health Nursing			
8	Language of teaching the course:	English			
9	Location of teaching the course:	Faculty of Nursing			
10	Prepared By:	Professor Abdulsalam Mohamed Dallak			
11	Date of Approval	2022			

II. Course Description:
<p>The theoretical and clinical aspects of this course introduce the student to the process and principles of providing efficient care newborn. This course focuses on the role of the nurse in meeting the physiological, psychosocial, cultural and developmental needs of the newborn child and application of the nursing process are integrated throughout this course. The practicum will focus on providing students with relevant clinical experience in a variety of newborn settings</p>

III. Course Intended Learning Outcomes (CILOs) and their alignment to Program Intended learning outcomes (PILOs)

CILOs	PILOs
1. Identify assessment, measures history, physical examination, diagnosis and management for a high-risk newborn.	A5
2. List causes, clinical manifestations, complications, diagnosis and nursing management of common health problem newborn.	A1
3. Describe the pharmacological agents and/or treatments for high-risk newborn.	A5
4. Explain concept, goals, assessment and principles of high-risk newborn	A2
5. Discuss the calculation of fluid requirements of high-risk newborn.	A6
6. Evaluate expected outcomes of treatment modalities for high-risk newborn.	B3
7. Interpret diagnostic tests for high-risk newborn.	B2
8. Utilize the nursing process to provide nursing care for high-risk newborn.	C1
9. Use assessment procedures pertaining to complex for high-risk newborn	C2
10. Collaborate with other health team.	D3
11. Work under ethical conditions	D4

(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 assessment, measures history, physical examination, diagnosis and management for a high-risk newborn.	Lecture Discussion	Short answer questions Objective type
a2. List causes, clinical manifestations, complications, diagnosis and nursing management of common health problem newborn.	Lecture Discussion	Short answer questions Objective type
a3. Explain concept, goals, assessment and principles of high-risk newborn.	Lecture Discussion Demonstration	Short answer questions Objective type
a4. Discuss the calculation of fluid requirements of high-risk newborn.	Lecture Discussion	Short answer questions Objective type
a5. Describe the pharmacological agents and/or treatments for high-risk newborn.	Lecture Discussion	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
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b1. Evaluate expected outcomes of treatment modalities for high-risk newborn.	Lecture Discussion Demonstration	Short answer questions Objective type
b2. Interpret diagnostic tests for high-risk newborn.	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
c1. Utilize the nursing process to provide nursing care for high-risk newborn.	Clinical session Role play Demonstration	Short answer questions Objective type
c2. Use assessment procedures pertaining to complex for high-risk newborn	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
d1. Collaborate with other health team.	Lecture-Discussion	Short answer questions Objective type
d2. Work under ethical conditions	Lecture-Discussion	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	Introduction	<ul style="list-style-type: none"> • Concept • Goals • Assessment • Principles 	1	2	a2
2	High Risk Newborn	<ul style="list-style-type: none"> • Nursing management of: <ul style="list-style-type: none"> ○ Pre-term, small for gestational age, post-mature infant ,and baby of diabetic and substance use mothers. • Organization of neonatal care, services (Levels), transport ,neonatal intensive care unit, organization and management of nursing services in NICU 	1	2	a1,a2,a3,a5,b1,b2
3	High Risk Newborn	<ul style="list-style-type: none"> • Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. 	1	2	a1,a2,a3,a5,b1,b2

		<ul style="list-style-type: none"> • Health assessment- History taking, physical examination, investigation and diagnostic assessment. • Treatment modalities and trends. • Nursing Care for patients with Birth injuries Respiratory conditions, Asphyxia neonatorum, neonatal apnoea meconium aspiration syndrome, pneumo thorax, pneumo mediastinum 			
4	High Risk Newborn	<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. 	1	2	a1,a2,a3,a5,b1,b2

		<ul style="list-style-type: none"> • Nursing Care for patients with Birth injuries. 			
5	High Risk Newborn	<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 with Hypoxic ischaemic encephelopathy . 	1	2	a1,a2,a3,a5,b1,b2
6	High Risk Newborn	<ul style="list-style-type: none"> • Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment- History taking, physical examination, investigation and diagnostic assessment. 	1	2	a1,a2,a3,a5,b1,b2

		<ul style="list-style-type: none"> • Treatment modalities and trends. • Nursing Care for patients with Congenital anomalies. 			
7	High Risk Newborn	<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 with Neonatal seizures. 	1	2	a1,a2,a3,a5,b1,b2
8	Midterm exam		1	2	a1,a2,a3,a5,b1,b2
9	High Risk Newborn	<ul style="list-style-type: none"> • Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. • Health assessment- History taking, physical 	1	2	a1,a2,a3,a5,b1,b2

		<p>examination, investigation and diagnostic assessment.</p> <ul style="list-style-type: none"> • Treatment modalities and trends. • Nursing Care for patients with Neonatal hypocalcaemia, hypoglycemia, hypomagnesaemia. 			
10	High Risk Newborn	<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 with Neonatal heart diseases. 	1	2	a1,a2,a3,a5,b1,b2
11	High Risk Newborn	<ul style="list-style-type: none"> • Common Disorders- etiology, Pathophysiology, Clinical manifestations, 	1	2	a1,a2,a3,a5,b1,b2

		<p>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 with Neonatal hemolytic diseases 			
12	High Risk Newborn	<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 with Neonatal infections, neonatal sepsis, ophthalmia neonatorum, 	1	2	a1,a2,a3,a5,b1,b2

		congenital syphilis, HIV/AIDS			
13	High Risk Newborn	<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 with Advanced neonatal procedures. 	1	2	a1,a2,a3,a5,b1,b2
14	High Risk Newborn	<ul style="list-style-type: none"> ▪ Common Disorders- etiology, Pathophysiology, Clinical manifestations, complications, prognosis. ▪ Health assessment- History taking, physical examination, investigation and diagnostic assessment. 	1	2	a1,a3,a4,b2,d2,d3

		<ul style="list-style-type: none"> ▪ Treatment modalities and trends. ▪ Nursing Care for patients with Hematological conditions – erythroblastosis fetalis ,hemorrhagic disorder in the newborn 			
15	High Risk Newborn	Calculation of fluid requirements.	1	2	a4
16	Final exam		1	2	a1,a2,a3,a4,a5, b1,b2
Number of Weeks /and Units Per Semester			16	32	

B– Practical/clinical Aspect:				
Order	Tasks/ Experiments	Number of Weeks	contact hours	Learning Outcomes
1	<ul style="list-style-type: none"> • Assessment: New born assessment; physical and neurological, Apgar score, high-risk newborn, Monitoring neonates; Clinically and with monitors, Capillary refill time, Assessment of jaundice, danger signs • Anthropometric measurement • Gastric Lavage • Care of newborn in multi-channel monitor and ventilator. • Care of newborn in radiant warmer and incubator. • Kangaroo mother care. 	1-14	84	c1, c2,d1,d2

	<ul style="list-style-type: none"> Assisting mother with exclusive Breast-feeding Feeding technique: Katori, spoon, naso/orogastric, Total Parenteral nutrition Assessment, calculation and administration of fluids and medications: Oral, I.D., I.M. and I.V.- Securing IV-line, infusion pump Administration of drug per rectum Capillary blood sample collection. Oxygen therapy 			
2	Final exam	15-16	6	c1, c2,d1,d2
Number of Weeks /and Units Per Semester		16	90	

V. Teaching strategies of the course:

- Lecture Discussion
- Demonstration
- Role play
- Clinical session

VI. Assignments:

No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
1	Newborn nutrition	a1,a3,a5,b1,b2	5-12	5

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	Presentation	5th-15th week	5	5%	a1,a2,a3,a4,a5,b1,b2
2	Assignment	5th-15th week	5	5%	a1,a3,a5,b1,b2
3	Mid-term exam	7th or 8th week	15	15%	a1,a2,a3,a5,b1,b2
4	Final-exam	16th-17th week	35	35 %	a1,a2,a3,a4,a5,b1,b2
Total Theory Weight			60	60%	

Clinical part					
Assessment	Type of Assessment Tasks	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Attendance and Attitude	1 st -15 th week	5	5%	c1,c2,d1,d2
2	Semester work	1 st -15 th week	15	15%	c1,c2,d1,d2
3	Final exam (theory/oral)	16 th week	5	5%	c1,c2,d1,d2
4	Final exam (practical)	16 th 17 th week	15	15%	c1,c2,d1,d2
Total Practical Weight			40	40%	

VIII. Learning Resources:	
1- Required Textbook(s)	
	1. Adam S.K. & Osborne Maternal and Neonatal Health Nursing 1 st ed . Oxford University press oxford 2007. 2. Hudak C.M & Benz J.J Maternal and Neonatal Health 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/

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
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	Professor Abdulsalam Mohamed Dallak		Office Hours					
Location&Telephone No.			SAT	SUN	MON	TUE	WED	THU
E-mail	Abonadem@yahoo.com				X			

II. Course Identification and General Information:						
1.	Course Title:	Neonatal Health Nursing II				
2.	Course Number & Code:	MMNHN05				
3.	Credit hours: 4	C.H				Total
		Th.	Seminar	Pr.	F. Tr.	
		2	-	-	2	
4.	Study level/year at which this course is offered:	First year/ Second semester				
5.	Pre –requisite:	MMNHN01,03,06 and 07				
6.	Co –requisite :	-				
7.	Program (s) in which the course is offered	Maternal and Neonatal Health 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>The theoretical and clinical aspects of this course introduce the student to the process and principles of providing efficient care newborn. This course focuses on the role of the nurse in meeting the physiological, psychosocial, cultural and developmental needs of the newborn child and application of the nursing process are integrated throughout this course. The practicum will focus on providing students with relevant clinical experience in a variety of newborn settings</p>	

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

1. Identify assessment, measures history, physical examination, diagnosis and management for a high-risk newborn.
2. List causes, clinical manifestations, complications, diagnosis and nursing management of common health problem newborn.
3. Describe the pharmacological agents and/or treatments for high-risk newborn.
4. Explain concept, goals, assessment and principles of high-risk newborn
5. Discuss the calculation of fluid requirements of high-risk newborn.
6. Evaluate expected outcomes of treatment modalities for high-risk newborn.
7. Interpret diagnostic tests for high-risk newborn.
8. Utilize the nursing process to provide nursing care for high-risk newborn.
9. Use assessment procedures pertaining to complex for high-risk newborn
10. Collaborate with other health team.
11. Work under ethical conditions

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	1	2
2	High Risk Newborn	2	2
3	High Risk Newborn	3	2
4	High Risk Newborn	4	2
5	High Risk Newborn	5	2
6	High Risk Newborn	6	2
7	High Risk Newborn	7	2
8	Midterm exam	8	2
9	High Risk Newborn	9	2
10	High Risk Newborn	10	2
11	High Risk Newborn	11	2
12	High Risk Newborn	12	2
13	High Risk Newborn	13	2
14	High Risk Newborn	14	2
15	High Risk Newborn	15	2
16	Final exam	16	2
Number of Weeks /and Units Per Semester		16	32

B– Practical/clinical Aspect:				
Order	Tasks/ Experiments	Number of Weeks	contact hours	Learning Outcomes
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2	Final exam	15-16	6	c1, c2,d1,d2
Number of Weeks /and Units Per Semester		16	90	

VII. Assignments:				
No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
1	Newborn nutrition	a1,a3,a5,b1,b2	5-12	5

VI. Teaching strategies of the course:
1. Lecture Discussion 2. Demonstration 3. Clinical session 4. Role play

VIII. Schedule of Assessment Tasks for Students During the Semester					
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Total Practical Weight			40	40%	

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