

## Course Specification

I. Course Identification and General Information:					
1	<b>Course Title:</b>	<b>Neonatal Health Nursing I</b>			
2	<b>Course Code &amp; Number:</b>	<b>MMNHN03</b>			
3	<b>Credit hours: 4</b>	C.H			TOTAL
		Th.	Seminar	Pr	
		2	-	-	2
4	<b>Study level/ semester at which this course is offered:</b>	First year/ First semester			
5	<b>Pre –requisite:</b>	-----			
6	<b>Co –requisite:</b>	MMNHN01,06, and 07			
7	<b>Program (s) in which the course is offered:</b>	Maternal and neonatal health nursing			
8	<b>Language of teaching the course:</b>	English			
9	<b>Location of teaching the course:</b>	Faculty of Nursing			
10	<b>Prepared By:</b>	Professor Abdulsalam Mohamed Dallak			
11	<b>Date of Approval</b>	2022			

II. Course Description:	
<p>This course focuses on the role of the nurse in meeting the physiological, psychosocial, cultural and developmental needs of the newborn child. Course content includes newborn care, human growth and development. Nutrition, pharmacology, cultural diversity, use of technology, communication, anatomy and physiology review, and application of the nursing process are integrated throughout this course.</p>	

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

CILOs	PILOs
1. Identify assessment, physical examination, and management for a newborn.	A5
2. Explain care needs for a newborn.	A1
3. Describe the physical and behavioral characteristics and reflexes of the newborn.	A5
4. Describe gestational age assessment of the newborn.	A2
5. Describe the pharmacological agents and/or treatments for the newborn.	A6
6. Explain selected procedures related to newborn care.	A2
7. Evaluate expected outcomes of treatment modalities for the newborn.	B3
8. Interpret diagnostic tests for the newborn.	B2
9. Recognize selected complications associated with the newborn.	B1
10. Utilize the nursing process to provide nursing care for newborn child.	C1
11. Use assessment procedures pertaining to complex for newborn	C2
12. Collaborate with other health team.	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
a1. Identify assessment, physical examination, and management for a newborn.	Lecture Discussion	Short answer questions Objective type
a2. Explain care needs for a newborn.	Lecture Discussion	Short answer questions Objective type
a3. Describe the physical and behavioral characteristics and reflexes of the newborn.	Lecture Discussion Demonstration	Short answer questions Objective type
a4. Describe gestational age assessment of the newborn.	Lecture Discussion	Short answer questions Objective type
a5. Describe the pharmacological agents and/or treatments for the newborn.	Lecture Discussion	Short answer questions Objective type
a6. Explain selected procedures related to newborn care.	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 the newborn.	Lecture Discussion Demonstration	Short answer questions Objective type
b2. Interpret diagnostic tests for the newborn.	Lecture Discussion Demonstration	Short answer questions Objective type
b3. Recognize selected complications associated with the 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 newborn child.	Clinical session Role play Demonstration	Short answer questions Objective type
c2. Use assessment procedures pertaining to complex for 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

IV. Course Content:					
A – Theoretical Aspect:					
Order	Units/Topics List	Sub Topics List	No. of Weeks	Contact hours	Learning Outcomes
	Normal Newborn	<ul style="list-style-type: none"> <li>• Physiology and characteristics of normal newborn</li> <li>• Physical and Behavioral assessment of newborn</li> <li>• Organization of neonatal care, services (Levels), transport, neonatal intensive care unit, organization and management of nursing services in NICU</li> </ul>	2	4	a3
1	Care of the Newborn	<ul style="list-style-type: none"> <li>• Receiving the newborn</li> <li>• Immediate Care of the Newborn:               <ul style="list-style-type: none"> <li>○ APGAR Scoring</li> <li>○ Neonatal resuscitation; initial steps and subsequent resuscitation</li> <li>○ Maintenance of Airway</li> <li>○ Maintenance of Temperature</li> </ul> </li> <li>• Essential newborn care:               <ul style="list-style-type: none"> <li>○ Exclusive breast feeding</li> <li>○ Bathing</li> <li>○ Care of umbilical cord</li> <li>○ Skin to skin contact</li> <li>○ Weight / Vit K</li> <li>○ Eye Care / Antibiotics</li> <li>○ Immunization</li> <li>○ Newborn nutrition</li> </ul> </li> <li>• Immediate assessment including screening for congenital anomalies</li> </ul>	6	12	a1,a2,a4, a5,a6,b1, b2,b3,d1
2	Midterm exam		1	2	a1,a2,a3, a4,a5,a6,

				b1,b2,b3, d1	
3	Care of the Newborn	<ul style="list-style-type: none"> <li>• Physical characteristics of the newborn <ul style="list-style-type: none"> <li>○ Common variations</li> </ul> </li> <li>• Reflexes</li> <li>• Behavioral characteristics</li> <li>• Gestational age</li> <li>• Diagnostic tests</li> <li>• Nutritional considerations</li> <li>• Pharmacological agents/treatments for the newborn</li> <li>• Selected procedures <ul style="list-style-type: none"> <li>○ Circumcision</li> <li>○ Hearing screens</li> <li>○ Heel sticks</li> <li>○ Serology screening</li> </ul> </li> <li>• Complications</li> <li>• Nursing process</li> </ul>	6	12	a1,a2,a4, a5,a6,b1, b2,b3,d1
4	Final exam		1	2	a1,a2,a3, a4,a5,a6, b1,b2,b3 d1
<b>Number of Weeks /and Units Per Semester</b>			<b>16</b>	<b>32</b>	

<b>B– Practical/clinical Aspect:</b>				
<b>Order</b>	<b>Tasks/ Experiments</b>	<b>Number of Weeks</b>	<b>contact hours</b>	<b>Learning Outcomes</b>
<b>1</b>	Nursing process for newborn care: <ul style="list-style-type: none"> <li>• Apgar Scoring</li> <li>• Newborn resuscitation</li> <li>• Suctioning of mucous</li> <li>• Maintain body temperature</li> <li>• Bonding</li> <li>• Cord care</li> <li>• Bathing the newborn</li> <li>• Circumcision care</li> <li>• Gestational age assessment</li> <li>• Nutrition</li> <li>• Eye prophylaxis</li> <li>• Rectal temperature taking</li> <li>• Identification</li> <li>• Vitamin K injection</li> <li>• BCG administration</li> <li>• Anthropometric measurement</li> <li>• Newborn screening</li> <li>• Registration of Birth</li> </ul>	14	84	c1,c2,d1
<b>2</b>	Final exam	2	12	c1,c2,d1
<b>Number of Weeks /and Units Per Semester</b>		<b>16</b>	<b>96</b>	

<b>V. Teaching strategies of the course:</b>
1. Lecture-Discussion 2. Demonstration 3. Practical session 4. Role play

<b>VI. Assignments:</b>				
<b>No</b>	<b>Assignments</b>	<b>Aligned CILOs(symbols)</b>	<b>Week Due</b>	<b>Mark</b>
1	Write about procedures related to newborn care	a6	5-14	5

<b>VII. Schedule of Assessment Tasks for Students During the Semester</b>					
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,a6,b1,b2,b3
2	Assignment	5th-15th week	5	5%	a6
3	Mid-term exam	7th or 8th week	15	15%	a1,a2,a3,a4,a5,a6,b1,b2,b3,d1
4	Final-exam	16th-17th week	35	35 %	a1,a2,a3,a4,a5,a6,b1,b2,b3,d1
<b>Total Theory Weight</b>			<b>60</b>	<b>60%</b>	

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

<b>VIII. Learning Resources:</b>	
<b>1- Required Textbook(s)</b>	
1.	Henderson, C & Macdonald, S 2004, Mayes' midwifery, 13th Ed. Bailliere Tindall, Edinburgh.
2.	Decherney A. H & Nathan, L 2011. Current obstetrics and gynecologic diagnosis and treatment, 9th Ed .McGraw Hill, New York.
<b>2- Essential References.</b>	
1.	Fraser, D M & Cooper, M A 2009. Myles text book for midwives, 14th Ed. Churchill Livingstone, Edinburgh.
2.	R & Tyler, W 2006. Skills for midwifery practice, Elsevier, Edinburgh
<b>3- Electronic Materials and Web Sites etc.</b>	
1.	<a href="http://www.google.mu/">http://www.google.mu/</a>

<b>IX. Course Policies:</b>	
<b>1.</b>	<b>Class Attendance:</b> 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
<b>2.</b>	<b>Tardy:</b> 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.
<b>3.</b>	<b>Exam Attendance/Punctuality:</b> 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.
<b>4.</b>	<b>Assignments &amp; Projects:</b> Assignments and projects will be assessed individually unless the teacher request for group work
<b>5.</b>	<b>Cheating:</b> Cheating by any means will cause the student failure and he/she must re-study the course
<b>6.</b>	<b>Plagiarism:</b> 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 I				
2.	Course Number & Code	MMNHN03				
3.	Credit hours: 4	C.H				Total
		Th.	Seminar	Pr.	F.Tr.	
		2	-	-	2	4
4.	Study level/year at which this course is offered	First year/ First semester				
5.	Pre –requisite	-----				
6.	Co –requisite	MMNHN01,06, and 07				
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>This course focuses on the role of the nurse in meeting the physiological, psychosocial, cultural and developmental needs of the newborn child. Course content includes newborn care, human growth and development. Nutrition, pharmacology, cultural diversity, use of technology, communication, anatomy and physiology review, and application of the nursing process are integrated throughout this course.</p>	

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

1. Identify assessment, physical examination, and management for a newborn.
2. Explain care needs for a newborn.
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4. Describe gestational age assessment of the newborn.
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7. Evaluate expected outcomes of treatment modalities for the newborn.
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9. Recognize selected complications associated with the newborn.
10. Utilize the nursing process to provide nursing care for newborn child .
11. Use assessment procedures pertaining to complex for newborn
12. Collaborate with other health team.

**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	Normal Newborn	1-2	4
2	Care of the Newborn	3-8	12
3	Midterm exam	9	2
4	Care of Newborn	10-15	12
5	Final exam	16	2
<b>Number of Weeks /and Units Per Semester</b>		<b>16</b>	<b>32</b>

**B– Practical/clinical Aspect:**

Order	Tasks/ Experiments	Number of Weeks	Contact hours	Learning Outcomes
1	Nursing process for newborn care	14	84	c1,c2,d1
2	Final exam	2	12	c1,c2,d1
<b>Number of Weeks /and Units Per Semester</b>		<b>16</b>	<b>96</b>	

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

<b>VII. Assignments:</b>				
No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
1	Write about procedures related to newborn care	a6	5-14	5

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<b>2- Essential References.</b>	
	<ol style="list-style-type: none"> <li>1. Fraser, D M &amp; Cooper, M A 2009. Myles text book for midwives, 14th Ed. Churchill Livingstone, Edinburgh.</li> <li>2. R &amp; Tyler, W 2006. Skills for midwifery practice, Elsevier, Edinburgh</li> </ol>
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