

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

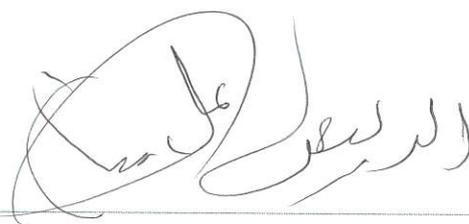


IV. Course Content:

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"> • Physiology and characteristics of normal newborn • Physical and Behavioral assessment of newborn • Organization of neonatal care, services (Levels), transport, neonatal intensive care unit, organization and management of nursing services in NICU 	2	4	a3
1	Care of the Newborn	<ul style="list-style-type: none"> • Receiving the newborn • Immediate Care of the Newborn: <ul style="list-style-type: none"> ○ APGAR Scoring ○ Neonatal resuscitation; initial steps and subsequent resuscitation ○ Maintenance of Airway ○ Maintenance of Temperature • Essential newborn care: <ul style="list-style-type: none"> ○ Exclusive breast feeding ○ Bathing ○ Care of umbilical cord ○ Skin to skin contact ○ Weight / Vit K ○ Eye Care / Antibiotics ○ Immunization ○ Newborn nutrition • Immediate assessment including screening for congenital anomalies 	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"> • Physical characteristics of the newborn <ul style="list-style-type: none"> ○ Common variations • Reflexes • Behavioral characteristics • Gestational age • Diagnostic tests • Nutritional considerations • Pharmacological agents/treatments for the newborn • Selected procedures <ul style="list-style-type: none"> ○ Circumcision ○ Hearing screens ○ Heel sticks ○ Serology screening • Complications • Nursing process 	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
Number of Weeks /and Units Per Semester			16	32	



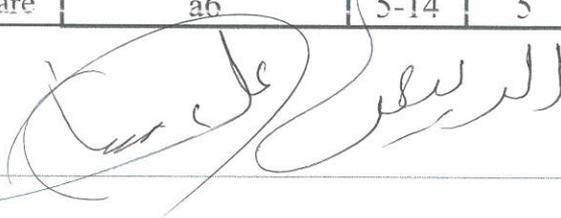
B- Practical/clinical Aspect:				
Order	Tasks/ Experiments	Number of Weeks	contact hours	Learning Outcomes
1	Nursing process for newborn care: <ul style="list-style-type: none"> • Apgar Scoring • Newborn resuscitation • Suctioning of mucous • Maintain body temperature • Bonding • Cord care • Bathing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

V. Teaching strategies of the course:

1. Lecture-Discussion
2. Demonstration
3. Practical session
4. Role play

VI. Assignments:

No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
1	Write about procedures related to newborn care	a6	5-14	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,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
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
2	Semester work	1 st -15 th week	15	15%	c1,c2,d1
3	Final exam (theory/oral)	16 th week	5	5%	c1,c2,d1
4	Final exam (practical)	16 th -17 th week	15	15%	c1,c2,d1
Total Practical Weight			40	40%	

VIII. Learning Resources:**1- Required Textbook(s)**

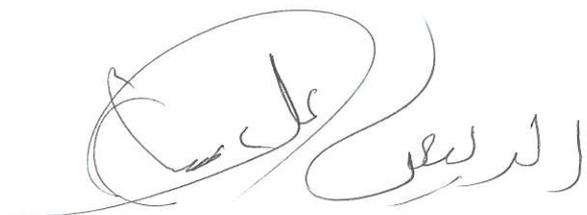
1. Henderson, C & Macdonald, S 2004, Mayes' midwifery, 13th Ed. Bailliere Tindall, Edinburgh.
2. Decherney A. H & Nathan, L 2011. Current obstetrics and gynecologic diagnosis and treatment, 9th Ed .McGraw Hill, New York.

2- Essential References.

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

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	Maternal Health Nursing I				
2.	Course Number & Code	MMNHN02				
3.	Credit hours: 5	C.H				Total
		Th.	Seminar	Pr.	F.Tr.	
		3	-	-	2	5
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 maternal and child client. Course content includes antepartum, intrapartum, and postpartum care, complications of pregnancy. Nutrition, pharmacology, cultural diversity, use of technology, communication, anatomy and physiology review, critical thinking, and application of the nursing process are integrated throughout this course.</p>	



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

1. Explain the normal anatomy and physiology of the female reproductive system.
2. Describe the foetal development from the conception to the birth
3. Describe signs and symptoms of pregnancy and etiology, pathophysiology, complications and life-threatening conditions in pregnancy, labour and postpartum.
4. Identify assessment, measures history, physical examination, diagnosis and management in pregnancy, labour and postpartum.
5. Recognize the appropriate care activities in complex, unexpected and emergency situations to achieve the best outcome for women.
6. Use assessment procedures pertaining to complex in pregnancy, labour and postpartum.
7. Management of normal pregnancy, labor and delivery, puerperium.
8. Apply vaginal examination, handling normal deliveries, suturing perineal lacerations, IV therapy and counseling in family planning.
9. Collaborate with other health team.
10. Communicate effectively with women 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	Human reproduction	1	3
2	Pregnancy	2-5	12
3	Antepartum period	6-8	9
4	Midterm exam	9	3
5	Intrapartum period	10-13	12
6	Postpartum period	14-15	6
7	Final exam	16	3
Number of Weeks /and Units Per Semester		16	48



B- Practical/clinical Aspect:				
Order	Tasks/ Experiments	Number of Weeks	Contact hours	Learning Outcomes
1	I. Pregnancy	2	12	c1,c2,c3,d1,d2
2	II. Labor and Delivery	2	12	c1,c2,c3,d1,d2
3	H. Management the Fourth Stage of Labor	1	6	c1,c2,c3,d1,d2
4	III. Management of puerperium	1	6	c1,c2,c3,d1,d2
5	Perform 10 Normal delivery	1	6	c1,c2,c3,d1,d2
6	Perform 5 Forceps delivery	1	6	c1,c2,c3,d1,d2
7	Perform 5 Ultrasound	1	6	c1,c2,c3,d1,d2
8	Assisted 5 breach delivery	1	6	c1,c2,c3,d1,d2
9	Assist 5 Caesarean suction	1	6	c1,c2,c3,d1,d2
10	Perform 5 Vacuum Extractions Perform 5 Induction and augmentation of labour	1	6	c1,c2,c3,d1,d2
11	Perform 5 Manual vacuum aspiration of the uterus for incomplete and spontaneous abortions (MVA), MA	1	6	c1,c2,c3,d1,d2
12	Perform 5 Low and Outlet forceps Perform 5 Manual removal of placenta	1	6	c1,c2,c3,d1,d2
13	Perform 5 Insertion/ removal of contraception implants Perform 5 Insertion/ removal of IUD	1	6	c1,c2,c3,d1,d2
14	Final exam	1	6	c1,c2,c3,d1,d2
Number of Weeks /and Units Per Semester		16	96	

I. Teaching strategies of the course:

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



II. Assignments:				
No	Assignments	Aligned CtLOs(symbols)	Week Due	Mark
1	Write about TORCH diseases	a1,b1	5-14	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	Presentation	5th-15th week	5	5%	a1,a2,a3,a4,b1,d1,d2
2	Assignment	5th-15th week	5	5%	a1,b1
3	Mid-term exam	7th or 8th week	15	15%	a1,a2,a3,a4,b1,d1,d2
4	Final-exam	16th-17th week	35	35%	a1,a2,a3,a4,b1,d1,d2
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,c3,d1,d2
2	Semester work	1 st -15 th week	15	15%	c1,c2,c3,d1,d2
3	Final exam(theory/oral)	16 th week	5	5%	c1,c2,c3,d1,d2
4	Final exam (practical)	16 th 17 th week	15	15%	c1,c2,c3,d1,d2
Total Practical Weight			40	40%	



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IX. Learning Resources:

1- Required Textbook(s)

1. Fraser, D M & Cooper, M A 2009. Myles text book for midwives, 14th Ed. Churchill Livingstone ,Edinburgh .
2. Chapman, V Charles, C 2009. The Midwife's Labour and Birth Handbook Wiley Blackwell
3. Decherney A. H & Nathan, L 2011. Current obstetrics and gynecologic diagnosis and treatment, 9th Ed .McGraw Hill, New York.

2- Essential References.

1. Henderson, C & Macdonald, S 2004. Mayes' midwifery, 13th Ed. Bailliere Tindall, Edinburgh.
2. Medforth, J Battersby, S Evans, M Marsh, B & Walker, 2009. An Oxford Handbook of Midwifery. Oxford University Press. Oxford.

3- Electronic Materials and Web Sites etc.

1. <http://www.google.mu/>

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
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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.
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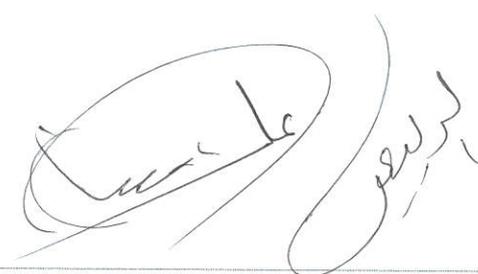


Course Plan (Syllabus)

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:	Clinical Pharmacology				
2.	Course Number & Code:	MMNHN06				
3.	Credit hours: 2	C.H				Total
		Th.	Seminar	Pr.	F. Tr.	
		2	-	-	-	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	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 Medical Science				

III. Course Description:
This course is designed to provide basic pharmacological agents appropriate to women during pregnant and delivery.



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

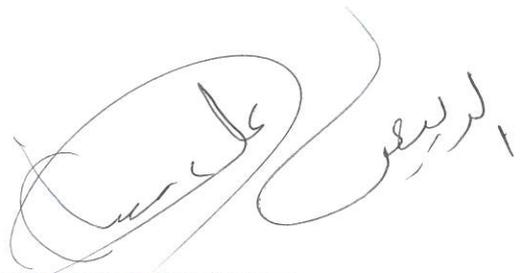
1. Identify the medications commonly used in obstetric and gynecology, the class, indications, contraindications, dosage forms, dose, side effects, duration of treatment, route of administration, action time, and toxicity.
2. Differentiate between various types of drug groups and its dose, usage, drug administration, interactions and contraindication.
3. Practice in proper use of each drug, including practice injections
4. Work effectively with team.
5. Work under ethical consideration.

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	Antihypertensive drugs	1	2
2	Oxytocin (Pitocin)	2	2
3	Lidocaine HCl 2%	3	2
4	Misoprostil	4	2
5	Dinoprostone (prostaglandin E2, PGE2)	5	2
6	Anticonvulsants (Phenytoin and Magnesium sulfate)	6	2
7	Phytonadione (vitamin K1)	7	2
8	Midterm exam	8	2
9	Thrombolytic Agents	9	2
10	Antifibrinolytic agents (Tranexamic acid)	10	2
11	Terbutaline (Brethine)	11	2
12	Anticoagulants	12	2
13	Non-narcotic Analgesics & Antipyretics	13	2
14	Clindamycin	14	2
15	Nonsteroidal Anti-inflammatory Agents	15	2
16	Final exam	15	2
Number of Weeks /and Units Per Semester		16	32



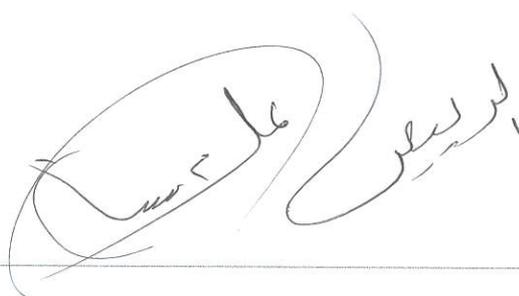
B- Practical Aspect:			
Order	Topics List	Week Due	Contact Hours
	Not applicable	-	-
Number of Weeks /and Units Per Semester		-	-

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

VII. Assignments:					
No	Assignments	Aligned CILOs(symbols)	Week Due	Mark	
1	Write about Carbamazepine (tegretol)	a1,b1,c1,d1,d2	2-15	20	

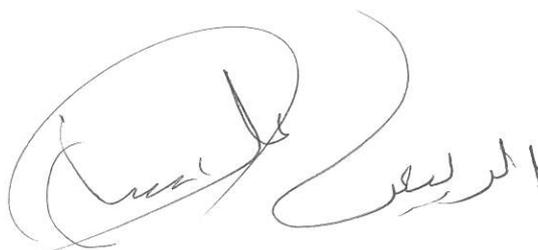
VIII. SCHEDULE OF ASSESSMENT TASKS FOR STUDENTS DURING THE SEMESTER					
Theoretical part					
No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Assignment	5th - 12 th week	20	20 %	a1,b1,c1,d1,d2
2	Presentation	4 st - 14 th week	10	10 %	a1,b1,c1,d1,d2
3	Mid-term exam	7 th or 8 th week	20	20%	a1,b1,c1,d1,d2
4	Final exam	16th-17 th week	50	50 %	a1,b1,c1,d1,d2
Total Theory Weight			100	100%	

Practical part					
Assessment	Type of Assessment Tasks	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
	Not applicable	-	-	-	-



IX. Learning Resources:	
1- Required Textbook(s)	
	1. Lilly L and Aucker R (2001). Pharmacology and the nursing process. 3 rd ed, Mosby.
2- Essential References.	
	Harvard M. A. Nursing Guide to drugs 3 rd ed. Churchill living stone Melbourne. 2009
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.



Course Specification

I. Course Identification and General Information:						
1	Course Title:	Maternal Health Nursing I				
2	Course Code & Number:	MMNHN02				
3	Credit hours: 5	C.H			TOTAL	
		Th.	Seminar	Pr		Tr.
		3	-	-	2	5
4	Study level/ semester 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	Location of teaching the course:	Faculty of Nursing				
10	Prepared By:	Professor Abdulsalam Mohamed Dallak				
11	Date of Approval	2022				

II. Course Description:

This course focuses on the role of the nurse in meeting the physiological, psychosocial, cultural and developmental needs of the maternal and child client. Course content includes antepartum, intrapartum, and postpartum care, complications of pregnancy. Nutrition, pharmacology, cultural diversity, use of technology, communication, anatomy and physiology review, critical thinking, and application of the nursing process are integrated throughout this course.



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

CILOs	PILOs
1. Explain the anatomy and physiology of the female reproductive system.	A1
2. Describe the foetal development from the conception to the birth	A1
3. Describe signs and symptoms of pregnancy and etiology, pathophysiology, complications and life-threatening conditions in pregnancy, labour and postpartum.	A1
4. Identify assessment, history, physical examination, diagnosis and management in pregnancy, labour and postpartum.	A5
5. Recognize the appropriate care activities in complex, unexpected and emergency situations to achieve the best outcome for women.	B2
6. Use assessment procedures pertaining to complex in pregnancy, labour and postpartum.	C2
7. Manage normal pregnancy, labor and puerperium.	C1
8. Apply vaginal examination, handling normal deliveries, suturing perineal lacerations, IV therapy and counseling in family planning.	C5
9. Collaborate with other health team.	D3
10. Communicate effectively with women and their family	D1

(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. Explain the anatomy and physiology of the female reproductive system.	Lecture Discussion Demonstration	Short answer questions Objective type
a2. Describe the foetal development from the conception to the birth.	Lecture Discussion Demonstration	Short answer questions Objective type
a3. Describe signs and symptoms of pregnancy and etiology, pathophysiology, complications and life-threatening conditions in pregnancy, labour and postpartum.	Lecture Discussion Demonstration	Short answer questions Objective type
a4. Identify assessment, history, physical examination, diagnosis and management in pregnancy, labour and postpartum.	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
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b1. Recognize the appropriate care activities in complex, unexpected and emergency situations to achieve the best outcome for women.	Lecture Discussion Demonstration	Short answer questions Objective type
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(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. Use assessment procedures pertaining to complex in pregnancy, labour and postpartum.	Clinical session Role play Demonstration	Short answer questions Objective type
c2. Manage normal pregnancy, labor and puerperium.	Clinical session Role play Demonstration	Short answer questions Objective type
c3. Apply vaginal examination, handling normal deliveries, suturing perineal lacerations, IV therapy and counseling in family planning.	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:

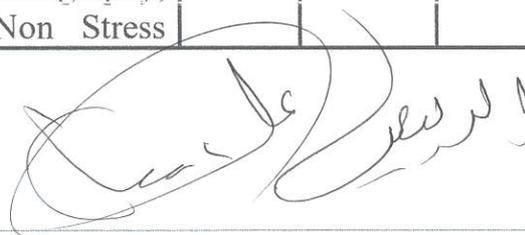
Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
d1. Collaborate with other health team.	Lecture-Discussion	Short answer questions Objective type
d2. Communicate effectively with women and their families	Lecture-Discussion	Short answer questions Objective type



IV. Course Content:

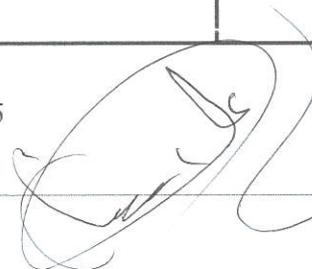
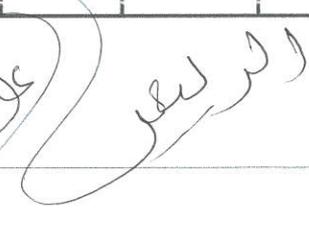
A – Theoretical Aspect:

Order	Units/Topics List	Sub Topics List	No. of Weeks	Contact hours	Learning Outcomes
1	Human reproduction	<ul style="list-style-type: none"> • Review of anatomy and physiology of human reproductive system: male and female • Hormonal cycles • Embryology • Genetics and counseling • Physiology of Menstruation 	1	3	a1,a2
2	Pregnancy	<ul style="list-style-type: none"> • Signs and symptoms of pregnancy • Diagnosis of pregnancy • Maternal adaptation: Physiological, psychosocial • Assessment – Maternal and foetal measures <ul style="list-style-type: none"> ○ Maternal measures: History taking, examination-General, physical and obstetrical measure, identification of high risk ○ Foetal measure- clinical parameters, biochemical-human estriol, Maternal Serum Alfa Feto Protein, Acetyl Choline esterase, Triple Test Aminocentesis, Cordocentesis ,chorionic villus sampling • Biophysical- (US IMAGING, Foetal movement count, Ultra Sonography, Cardiotocography, cardiotomography, Non Stress 	4	12	a1,a2,a3, a4,d1,d2



		<p>Test, Contraction stress test angioscopy, fetoscopy</p> <ul style="list-style-type: none"> • Radiological examination • Interpretation of diagnostic tests and nursing implications • Nursing management of the pregnant women, minor disorders of pregnancy and management • Preparation for child birth and parenthood, importance of institutional delivery • Role of nurse and crisis intervention, identification of high-risk pregnancy and refer • Pathophysiology, Clinical manifestations, Diagnostic tests, Pharmacological treatments Nutritional considerations and Nursing Process of Complications of pregnancy: <ul style="list-style-type: none"> ○ Hyperemesis gravidarum ○ Bleeding ○ Hypertensive disorders of pregnancy ○ Chronic medical problems ○ Infections ○ Hemolytic diseases ○ Multifetal pregnancy ○ Preterm labor 			
3	Antepartum Care	<ul style="list-style-type: none"> • Assessment: First, Second and Third Trimesters • History and physical examination • Antepartum Examination • Relationship of fetus to uterus and pelvis: lie, Attitude, presentation Position • Per vaginal examination. 	3	9	a3,a4, b1,d1,d2

		<ul style="list-style-type: none"> • Assessment for high risk: <ul style="list-style-type: none"> ○ Risk approach ○ History and physical Examination ○ Modalities of diagnosis, Invasive & Non-Invasive, ultrasonics, cardio tomography, Non Stress Test, Contraction stress test, angioscopy • Antepartum preparation: <ul style="list-style-type: none"> ○ Antenatal counseling ○ Antenatal exercises ○ Diet ○ Substance use ○ Education for child-birth • Psycho-social and cultural aspects of pregnancy <ul style="list-style-type: none"> ○ Analgesia and anaesthesia in labour ○ Nursing management 			
4	Midterm exam		1	3	a1,a2,a3, a4,b1,d1, d2
5	Intrapartum Period	<p>Normal Labour and nursing management:</p> <ul style="list-style-type: none"> • Essential factors of labour • Stages and onset • Assessment and management of intrapartum period. • Physiology of labour • Premonitory Signs of Labor • Management of labour. • Signs of True Labor • Stages of Labor: <ul style="list-style-type: none"> ▪ <i>1st Stage of Labor:</i> <ul style="list-style-type: none"> ○ Physiology 	4	12	a1,a3,a4, b1,d1,d2

		<ul style="list-style-type: none"> ○ Signs and symptoms of onset of labour, normal and abnormal ○ Duration ○ Preparation of Labour room and Women ○ Assessment of progress of labour: contractions, abdominal palpation and vaginal examination ○ Use of partograph: Principles, use and critical analysis ,evidence-based studies ○ Active management of labour ○ Induction of labour ○ Pain relief and comfort in labour ○ Transition stage ○ Phases ○ Nursing management. ■ <i>2nd Stage of Labor:</i> <ul style="list-style-type: none"> ○ Signs and symptoms; normal and abnormal ○ Physiology ○ Duration ○ Mechanisms of Labor ○ 5 P's of Labor ○ Management ○ Episiotomy: <ul style="list-style-type: none"> - Types of Episiotomy - Repair of Episiotomy ○ Perineal trauma: 1st, 2nd, 3rd, 4th degree ○ Nursing management. ■ <i>3rd Stage of Labor:</i> <ul style="list-style-type: none"> ○ Signs and symptoms; normal and abnormal ○ Duration 			
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		<ul style="list-style-type: none"> ○ Physiology and active management ○ Method of placental expulsion ○ Delivery and inspection of the placenta ○ Examination of the placenta ○ Examination of perineum, involution of the uterus, bleeding assessment ○ Maintaining records and reports ○ Nursing management. ▪ <i>4th Stage of Labor:</i> <ul style="list-style-type: none"> ○ Physiology ○ Duration ○ Uterus examination ○ Nursing management. 			
6	Postpartum Period	<ul style="list-style-type: none"> ● Physiology of puerperium ● Physiology of lactation, lactation management, exclusive breastfeeding, Baby friendly hospital initiative ● Assessment of postnatal women. ● Minor discomforts and complications of puerperium ● Nursing Management of mothers during puerperium: Postnatal exercises Rooming in, bonding, warm chain, Monitoring of vital signs, Blood loss and Lochia, Bladder care ● Care of the perineum (hygiene, pelvic floor exercise) ● Episiotomy Care ● Nutrition ● Family Planning Counseling ● Mobilization 	2	6	a1,a3,a4, b1,d1,d2

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		<ul style="list-style-type: none"> • Immunization • Danger signs • Pharmacological/treatments • Postpartum procedures • Complications • Nursing Process • Teaching and learning for postpartum care and discharge 			
7	Final exam		1	3	a1,a2,a3, a4,b1,d1, d2
Number of Weeks /and Units Per Semester			16	48	

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B- Practical/clinical Aspect:				
Order	Tasks/ Experiments	Number of Weeks	contact hours	Learning Outcomes
1	I. Pregnancy: A. Signs and symptoms 1 .Recognition / Early detection of abnormalities B. Diagnosis C. Physiologic changes D. Prenatal care: 1 .History taking 2 .Vital signs and weight taking 3 .Identification of high-risk factors 4 .Leopold's Maneuver 5 .Auscultation for FHB 7 .Immunization 8 .Urine exam for albumin and sugar	1	6	c1,c2,c3,d1,d2
2	II. Labor and Delivery: A. Signs and symptoms of true labor 1 .Monitoring progress of labor: a. Uterine contractions i. Duration ii. Interval iii. Intensity b. Partograph c. Vaginal examination B. Recognition/Early detection of abnormalities C. Procedures: 1 .catheterization 2 .enema 3 .perennial flushing D. Care During the First Stage of Labor: 1 .Vital signs 2 .Comfort measures 3 .Diet	2	12	c1,c2,c3,d1,d2



	<p>4 .Positioning 5 .Emotional support</p> <p>E. Care During the Second Stage of Labor:</p> <p>1 .Draping 2 .Observation of mechanism of Labor 3 .Ritgen's maneuver 4 .Delivery technique</p> <p>F. Care During the Third Stage of Labor:</p> <p>1 .Observation of the signs of placental separation 2 .Delivery and inspection of the placenta 3 .Injection of oxytocic 4 .Inspection of the perineum 5 .Measure blood loss 6 .Identification and classification of lacerations 7 .Repair of lacerations 8 .Perennial flushing</p>			
3	<p>H. Management the Fourth Stage of Labor:</p> <p>1 .Vital signs 2 .Watch for uterine atony 3 .Observation of lochia 4 .Observation of distended bladder</p>	1	6	c1,c2,c3,d1,d2
4	<p>III. Management of puerperium:</p> <p>1 .Vital signs 2 .Physical assessment 3 .Breast care 4 .Measurement of fundal height 5 .Observation of lochia (color, odor, amount) 6 .Care of perennial wound 7 .Elimination of bowel and bladder 8 .Inspection of lower extremities for edema, varicosities, milk ,leg 9 .Ambulation</p>	1	6	c1,c2,c3,d1,d2

	10 .Family planning counseling 11 .Health instructions 12. Postpartum check up			
5	Perform 10 Normal delivery	1	6	c1,c2,c3,d1,d2
6	Perform 5 Forceps delivery	1	6	c1,c2,c3,d1,d2
7	Perform 5 Ultrasound	1	6	c1,c2,c3,d1,d2
8	Assisted 5 breach delivery	1	6	c1,c2,c3,d1,d2
9	Assist 5 Caesarean suction	1	6	c1,c2,c3,d1,d2
10	Perform 5 Vacuum Extractions Perform 5 Induction and augmentation of labour	1	6	c1,c2,c3,d1,d2
11	Perform 5 Manual vacuum aspiration of the uterus for incomplete and spontaneous abortions (MVA), MA	1	6	c1,c2,c3,d1,d2
12	Perform 5 Low and Outlet forceps Perform 5 Manual removal of placenta	1	6	c1,c2,c3,d1,d2
13	Perform 5 Insertion/ removal of contraception implants Perform 5 Insertion/ removal of IUD	1	6	c1,c2,c3,d1,d2
14	Final exam	1	6	c1,c2,c3,d1,d2
Number of Weeks /and Units Per Semester		16	96	

V. Teaching strategies of the course:

1. Lecture-Discussion
2. Demonstration
3. Practical session
4. Role play

VI. Assignments:

No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
1	Write about TORCH diseases	a1,b1	5-14	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,b1,d1,d2
2	Assignment	5th-15th week	5	5%	a1,b1
3	Mid-term exam	7th or 8th week	15	15%	a1,a2,a3,a4,b1,d1,d2
4	Final-exam	16th-17th week	35	35 %	a1,a2,a3,a4,b1,d1d2
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,c3,d1,d2
2	Semester work	1 st -15 th week	15	15%	c1,c2,c3,d1,d2
3	Final exam (theory/oral)	16 th week	5	5%	c1,c2,c3,d1,d2
4	Final exam (practical)	16 th -17 th week	15	15%	c1,c2,c3,d1,d2
Total Practical Weight			40	40%	

VIII. Learning Resources:

1- Required Textbook(s)

1. Henderson, C & Macdonald, S 2004, Mayes' midwifery, 13th Ed. Bailliere Tindall, Edinburgh.
2. Chapman, V Charles, C 2009. The Midwife's Labour and Birth Handbook Wiley Blackwell
3. Decherney A. H & Nathan, L 2011. Current obstetrics and gynecologic diagnosis and treatment, 9th Ed. McGraw Hill, New York.

2- Essential References.

1. Fraser, D M & Cooper, M A 2009. Myles text book for midwives, 14th Ed. Churchill Livingstone, Edinburgh.
2. Medforth, J Battersby, S Evans, M Marsh, B & Walker, 2009. An Oxford Handbook of Midwifery. Oxford University Press. Oxford.

3- Electronic Materials and Web Sites etc.

1. <http://www.google.mu/>

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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.

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Course Specification

I. Course Identification and General Information:						
1	Course Title:	Clinical Pharmacology				
2	Course Code & Number:	MMNIIN06				
3	Credit hours: 2	C.H			TOTAL	
		Th.	Seminar	Pr		Tr.
		2	-	-	-	2
4	Study level/ semester 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:	Maternal and Neonatal Health Nursing				
8	Language of teaching the course:	English				
9	Location of teaching the course:	Faculty of Nursing				
10	Prepared By:	Dr.				
11	Date of Approval	2022				

II. Course Description:

This course is designed to provide basic pharmacological agents appropriate to women during pregnant and delivery.



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