

Neonatology

II. Course Identification and General Information:					
1.	Course Title:	Neonatology			
2.	Course Number & Code:	08 01 817			
3.	Credit hours: 2	C.H			
		Th.	Seminar	Pr.	F. Tr.
		2	-	-	-
4.	Study level/year at which this course is offered:	Fourth year /First semester			
5.	Pre –requisite:	MF01&MF02,MF08,MF09,MF10			
6.	Co –requisite :	-			
7.	Program (s) in which the course is offered	Midwifery			
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:	College of Medical Applied Sciences			

III. Course Description:

This course focus on the healthy neonate, development, care and nutrition. Concepts explored are: child health promotion strategies, and high-risk situations which include the common neonatal disorders. The care of pre-term babies and the problems associated with pre-term birth are also a focus. This course will introduce the student to basic notions of neonatal care. The student will learn to associate a therapeutic procedure to a cardiopulmonary disorder or other related disorder(s), in a neonate. The student will also learn about specific airway management techniques applicable to the neonatal population.

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	Fluid & Electrolyte	1	2
2	Neonatal Resuscitation	2	2
3	Post Natal Gestational age	3	2
4	Meconium Aspiration Syndrome	4	2
5	Respiratory complications of preterm birth	5	2
6	Transient Tachypnea of the Newborn (TTN)	6	2
7	Midterm exam	7	2
8	Blood Gas Analysis	8	2
9	Temperature Control in the Neonate	9	2
10	Blood Abnormalities- ABO Incompatibility	10	2
11	Infection in the preterm infant	11	2
12	Respiratory complications of preterm birth	12	2
13	Polycythemia	13	2
14	Anemia of prematurity	14	2
15	Hypoglycemia	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 2. Demonstration 3. Brainstorming 4. Case discussions

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	Attendance and Activities	15th week	5	5%	a1,a2,a3,b1,b2,b3,d1,d2
2	Quizzes	5th and 12th week	5	5%	a1,a2,a3,b1,b2,b3,d1,d2
3	Assignments	5th and 12th week	10	10%	a3,b1,b3,d1,d2
4	Mid-term exam	7th or 8th week	20	20%	a1,a2,a3,b1,b3,d1,d2
5	Final exam	16th-17th week	60	60 %	a1,a2,a3,b1,b2,b3,d1,d2
Total Theory Weight			100	100%	

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