

Course Specification

(Bachelor)

Course Title **Neonatology and Neonatal Care**

Course Code **MID26348**

Program: **Bachelor of Midwifery Sciences**

Department: **Nursing**

College: **Applied Medical Science**

Institution: **University of Bisha**

Version: **1**

Last Revision Date: **30 July 2023**





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A. General information about the course:

1. Course Identification

1. Credit hours: 3(2+1)

2. Course type

A. ☐ University ☐ College ☒ Department ☐ Track ☐ Others
B. ☒ Required ☐ Elective

3. Level/year at which this course is offered: (6th level / 3rd year)

4. Course general Description:

This course is designed to prepare midwives with specialized knowledge, skills and attitude in providing advance quality care to neonates at all the three levels of care.

5. Pre-requirements for this course (if any):

MID26241 Anatomy and embryology

6. Pre-requirements for this course (if any):

NA

7. Course Main Objective(s):

Describe the concepts and principles of neonatal nursing and demonstrate skill in providing essential newborn care such as neonatal assessment, advance life support skills and nursing process in caring neonates receiving intensive care and also organize and demonstrate skills in management of neonatal services.

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	24	40%
2	E-learning	6	10%
3	Hybrid - Traditional classroom - E-learning		
4	Others: Practical	30	50%
5	Total	60	100

3. Contact Hours (based on the academic semester)





No	Activity	Contact Hours
1.	Study lectures	24
2.	Laboratory/Studio	30
3.	Tutorial	-
4.	E-learning	6
5.	Others; self-learning	52.2
Total		112.5

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Define concepts and trends in neonatal care.	K1	Interactive lectures	Written exam
1.2	Manages various neonatal disorders	K2		
1.3	Describe the role of the midwives in prevention and management of high-risk neonates	K3		
2.0	Skills			
2.1	Applies the nursing process while providing care to neonates admitted with medical and surgical problems.	S1	lab demonstration Discussion	OSCE
2.2	Utilizes the principles of care in various investigations and procedures carried out on neonates.	S2		
2.3	Provides comprehensive care to the critically ill baby on the neonatal intensive care unit, whilst ensuring the care of well term babies on the postnatal ward	S2		





Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
2.4	Counsels parents regarding congenital anomalies, high-risk pregnancies and extremely preterm birth	S3	Case scenario	
3.0	Values, autonomy, and responsibility			
3.1	Use information technology in management of the medical data	V1	- Group discussion	Assignment
3.2	Communicates expertly with the postpartum women and staff during care consider legal aspects	V2	Group project	Assignment & seminars
3.3	Engage in effective teamwork with respect of ethical issues.	V3	- Group discussion	Assignment

C. Course Content

No	List of Topics theory and practical	Contact Hours
1.	Impact of birth of a sick/abnormal baby on the family	4
2.	Assessment of Neonates: Identification & assessment of risk factors	4
3.	Thermoregulation	4
4.	Immediate care of neonate	4
5.	Recognition of danger signs in a baby	4
6.	Common neonatal congenital disorders	4
7.	Common neonatal medical problems	4
8.	Neonatal Feeding	4
9.	Principles of prevention of infections in neonatal unit	4
10.	Neonate transfer	4
11.	Neonatal Feeding	4
12.	Principles of Drugs therapy, administration of commonly used drugs	4
13.	Collection of specimens	4
14.	Neonatal records	4
15.	Umbilical catheterization and exchange transfusion	4
Total		60



D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Continuous assessment	All through	30%
2.	Mid exam: theory and practical	8 th	20%
3.	Final exam: theory and practical	16 th	50%
4.	Total		100%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	Wong Dona et al. Whaley & Wong's Nursing care of infants & children. 2020; Mosby co., Philadelphia.
Supportive References	Wolters Kluwer., (2017): Essentials of maternity, newborn and women's health nursing. 4 th ed. New York. London
Electronic Materials	Blackboard learning management system and DIGITAL Library
Other Learning Materials	Skill lab, PHC Centers, Clinics and hospitals

2. Required Facilities and equipment

Items	Resources
facilities	- Classrooms - simulation rooms
Technology equipment (projector, smart board, software)	- Data show projector - Blackboard - smart board - Laptop computer - Computer based simulator
Other equipment	

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students Course coordinator Program Leaders	Direct /indirect





Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of Students assessment	Students Course coordinator Program Leaders Examination committee revision	Direct /indirect
Quality of learning resources	Course coordinator Peer reviewer Examination committee revision	Direct /indirect
The extent to which CLOs have been achieved	Program Leader Course coordinator	Direct /indirect
Other		

Assessors (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

G. Specification Approval

COUNCIL /COMMITTEE	
REFERENCE NO.	
DATE	

