

Module (Course Syllabus) Catalogue 2023-2024

College/ Institute	Koya Technical Institute	
Department	Midwifery	
Module Name	New borne Nursing Care	
Module Code	NNC302	
Degree	Technical Diploma <input type="checkbox"/>	Bachelor <input type="checkbox"/>
	High Diploma <input type="checkbox"/>	Master <input checked="" type="checkbox"/> PhD <input type="checkbox"/>
Semester	3	
Qualification		
Scientific Title	Assistant lecturer	
ECTS (Credits)	6	
Module type	Prerequisite <input type="checkbox"/>	Core <input checked="" type="checkbox"/> Assist. <input type="checkbox"/>
Weekly hours	4	
Weekly hours (Theory)	(2)hr Class	(2)Total hrs Workload
Weekly hours (Practical)	(2)hr Class	(2)Total hrs Workload
Number of Weeks	16	
Lecturer (Theory)	Hemn Sleman Ali	
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Lecturer (Practical)	Kaban Dilshad Samo	
E-Mail & Mobile NO.		
Websites		

Course Book

Course Description	<p>The nursing care of the newborns is directed toward promoting the physical well-being of the baby and supporting the family unit. The immediate care of the newborns takes place in the delivery room, because numerous physiologic adaptations begin right after birth, immediate nursing care is critical.</p> <p>They perform traditional nursing duties like checking vital signs and monitoring patients, performing tests on newborn babies, performing neonatal tests throughout a woman's pregnancy, and helping patients decide on an effective care plan for patients.</p>				
Course objectives	<ol style="list-style-type: none"> 1-To continue appraisal of the newborn throughout his hospital stay. <ol style="list-style-type: none"> (A) Observe and record the infant's vital signs. (B) Monitor weight loss or gain (daily by some local policy). (C) Monitor bowel and bladder function. (D) Monitor activity and sleep patterns. (E) Monitor interactions and bonding with parents. 2. To provide safeguards against infection (that is, handwashing). 3. To initiate feedings. 4. To provide guidance and health instruction to parents. 				
Student's obligation	<p>All the students must listen and write notes about their obligations throughout the academic year and the attendance and completion of all tests and exams. It should also be practised in the laboratory or another place depending on the lecture such as MCHC – Hospitals and Vaccination Centre.</p>				
Required Learning Materials	<p>Lecture halls with data show equipment for lecture presentations, whiteboard, overhead projector, posters and data collection according to lectures. Field visits to MCHC and Hospital.</p>				
Evaluation	Task	Weight (Marks)	Due Week	Relevant Learning Outcome	
	Paper Review				
	Assignments	Homework	5		
		Class Activity	2		
		Report	5		
		Seminar	5		
		Essay			
		Project			
	Quiz		8		
	Lab.		10		
	Midterm Exam		25		
	Final Exam		40		
	Total		100		

<p>Specific learning outcome:</p>	<ol style="list-style-type: none"> 1- Define key terms associated with newborn care. 2- Explain immediate care needs for a newborn.. 3- Identify the physical characteristics of the newborn. 4- Explain the reflexes of the newborn. 5- Describe the behavioral characteristics of the newborn. 6- Describe the gestational age assessment of the newborn. 7- Interpret diagnostic tests for the newborn. 8- Analyze nutritional considerations for the newborn. 9- Describe the pharmacological agents and/or treatments for the newborn. 10- Explain selected procedures related to newborn care. 11- Identify expected outcomes of treatment modalities for the newborn. 12- Recognize selected complications associated with the newborn. 13- Recognize cultural diversity in the management of newborn care. 14- Explain teaching and learning for newborn care. 15- Evaluate expected outcomes of nursing care for the newborn. 	
<p>Course References:</p>	<ul style="list-style-type: none"> - Early Essential Newborn Care clinical practice pocket guide by WHO 2014. Available at https://apps.who.int/iris/bitstream/handle/10665/208158/9789290616856_eng.pdf - L LSJ, Amudha M. Maternal and New-Born Care Practices by Traditional Delivery Care Givers : A Cross-Sectional Survey. 2015;4(11):2028–32 - Karen J. Marcdante and Robert M. Kliegman (2015). Nelson Essentials of Pediatrics 7th Edition, by Saunders. - White L., Duncan G & Baumle W. (2011), Foundations of Maternal & Pediatric Nursing, 3rd Edition, Delmar Cengage Learning - Susan L. Ward & Shelton M. Hisley (2009), Maternal-Child Nursing Care Optimizing Outcomes for Mothers Children families, 1 st Edition, F.A. Davis Company, Philadelphia. - Joyce Y. Johnson & Keogh J., (2010), Pediatric Nursing Demystified 1 st Edition, The McGraw-Hill Companies, and San Francisco 	
<p>Course topics (Theory)</p>	<p>Week</p>	<p>Learning Outcome</p>
<p>Introduction of Newborn Nursing</p>	<p>1</p>	<p>Brief overview of newborn nursing</p>
<p>Newborn baby - Characteristics of normal Newborn baby</p> <ul style="list-style-type: none"> - Weight, height, head, chest, skin, musculoskeletal system, Vital Signs, Senses and Neurological system (primitive reflexes). - Nursing role to newborn baby 	<p>2</p>	<p>Describe how and when various toys and activities are 3developmentally appropriate for infants...</p>
<p>Nursing Care of the High-Risk Newborn and Family 1</p>	<p>3</p>	<p>Get involved in caring for high-risk infants, and be vigilant</p>

		against common chronic medical complications.
Nursing Care of the High-Risk Newborn and Family 2	4	3
Nursing care of the child with gastroenteritis: • Diarrhoea • Vomiting • Dehydration • Constipation	5 - 6	The nursing goals for patients with gastroenteritis are toward avoiding dehydration and management of diarrhoea.
Paroxysmal Abdominal Pain (Colic) (Infantile Colic)	7	What about the disease and the best way to treat it.
Nursing care of child with a respiratory tract infection • Upper Respiratory Tract Infections 1. Nasopharyngitis 2. Croup or Laryngotracheobronchitis 3. Tonsillitis and Pharyngitis • Lower respiratory tract 1. Bronchitis 2. Bronchiolitis 3. Pneumonia 4. Asthma	8-9	Learning aspects of upper and lower respiratory tract infection, and how the parents educate with the disease.
Nutrition for children 1. Human (breast) milk 2. Bottle feeding 3. Burping 4. Selection and preparation of solid food	10	Developing nutrition knowledge and healthy habits for life.
Premature baby 1. Definition 2. Aetiology & Risk factors 3. Characteristics of a Premature Baby 4. Nursing care management 5. Complications of premature baby	11	Describe a premature baby, and how the nurse or parents can behave in the situation
Nursing Care Management for the child with Febrile seizures or convulsions	12	Review the causes of febrile seizures; Demonstrate the advice to give parents
Practical Topics	Week	Learning Outcome
Introduction about clinical nursing care and assignments	1	Provide nursing care to the family with children effectively
Nurses' job description in deferent area	2	Describe nurse's responsibility as part of the team, to assess new and ongoing patients
Fluid therapy (type of fluids)	3	Can learn about methods of types of fluid therapy.
Fluid therapy (calculation)	4	How the fluid therapy can be calculated.

Assessment of dehydration	5	Assess for clinical signs and symptoms of dehydration, including thirst, weight loss, dry mucous membranes, sunken appearing eyes, decreased skin turgor, increased capillary refill time, hypotension and postural hypotension, tachycardia, weak and thread peripheral pulses
Drug dose for paediatric	6	To determine adequacy of knowledge and skills of drug dose calculations in children
Drug administration	7	should be able to: • Describe different methods of administering medications to children
Vital signs	8	1. Identify the four classic vital signs and the value of monitoring their trends. 2. Recognize the clinical significance of other bedside clinical findings including abnormal sensorium and level of pain
Blood draw by syringe	9	Blood samples must be drawn by phlebotomists in a specific order to avoid cross-contamination of the sample by additives found in different collection tubes.
Capillary blood draw	10	What are the acceptable sites for puncture and collection of capillary blood on a finger and infant heel.
Neonatal resuscitation	11	Can be able how the cannula inserted
Insertion of Cannula	12	Practice and outcomes of neonatal resuscitation for newborns

Questions Example Design

Different question for examples: -

Q/ choose the correct answer?

Q /Match the following.....?

Q/ fill the following blankets?

Q/ Enumerate?

Q/ Briefly explain or define the following?
Q/ MCQ (multiple choice question)
Q/ Write on
Q/ Fill the following
Q/ Case management

Extra notes:

External Evaluator