



KHYBER MEDICAL UNIVERSITY

GENERIC B.S NURSING CURRICULUM

YEAR TWO STUDY GUIDE

(SEMESTER 5)

16 Weeks Activity Planner

2024-25

**CENTRAL CURRICULUM & ASSESSMENT COMMITTEE FOR
NURSING, REHABILITATION SCIENCES & ALLIED HEALTH SCIENCES**

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Introduction



KMU VISION

Khyber Medical University will be the global leader in health sciences academics and research for efficient and compassionate health care.

KMU MISSION

Khyber Medical University aims to promote professional competence through learning and innovation for providing comprehensive quality health care to the nation.

CENTRAL CURRICULUM COMMITTEE

Opened new door, for the beginning of new era under the supervision of Prof Dr. Zia ul Haq, VC Khyber Medical University and Dr. Brekhna Jamil Director IH-PE&R the Central Curriculum & Assessment Committee has been formulated. This is first step taken to change the dynamics of Allied Health Sciences and Nursing Education in Pakistan. Committee by using a craft man approach has developed study guide which will provide pathways for other to follow and KMU will pre-serve the leadership in providing quality education across Pakistan and will be a reference point of quality in future. Committee has developed curricula to promote inter-professional learning, enhancing and improving the quality of life for people by discovering, teaching and applying knowledge related to Nursing, rehabilitation Sciences & Allied Health sciences.

High-quality education is relevant to patient needs and the changing patterns of skills that are demanded by modern health care and aligning assessment and providing quality training to students will definitely will be the outcome. Which will strengthen and enhance quality of Health System across Pakistan.

The Central Curriculum & Assessment Committee is as follows:

Dr. Brekhna Jamil	Chairperson	Director Institute of Health Professions Education & Research, KMU
Prof. Dr. Zia Ul Islam	Member	Professor ENT
Dr. Syed Hafeez Ahmad	Member	Addl. Controller of Examination Khyber Medical University
Dr. Danish Ali Khan	Member	Deputy Dean Medical Professional Education Department Alliance Healthcare (PVT) LTD
Sardar Ali	Member	Assistant Professor Institute of Nursing Khyber Medical University
Muhammad Asif Zeb	Member	Lecturer Institute of ParaMedical Sciences Khyber Medical University
Syed Amin Ullah	Member	Assistant Director Academics Khyber Medical University



INTRODUCTION

The B.S (Generic) Nursing Programme aspires to prepare nurses in a multidisciplinary environment enabling them to work in an ever changing complex health care delivery system and to attain their true potentials in becoming competent, caring, and inquisitive members of the health care teams for improving the health status of individuals, families and the society at large.

B.S Nursing is a 4-years programme that prepares graduates to provide safe, competent and compassionate nursing care grounded in theory and professional standards. The curriculum is based on the concepts of relational practice, leadership, critical nursing inquiry and ethics of care. The curriculum further gives an opportunity to the students to acquire a good deal of experience to work at various levels of health organizations including basic health units, rural health centers, community clinics, specialized and tertiary health care settings.

OBJECTIVES

By the end of this program, students should be able to:

1. **Develop nursing graduates skilled with progressive theoretical as well as practical knowledge and skills.**
2. **Educate nurses working with different capacities and various roles in health care institutions/organizations.**
3. **Train nurses for giving care with leadership, management, problem solving and decision making skills.**
4. **Integrate logics and reasoning in complex situations or settings while providing holistic care to patients.**
5. **Prepare nurses with analytical, critical thinking and research skills to promote evidenced based care.**



FIFTH SEMESTER SUBJECTS

S.No	Subjects	Duration
1	NU-301: PAEDIATRIC HEALTH NURSING 7(3-3-1)	16 weeks
2	NU-302: COMMUNITY HEALTH NURSING-II 6(2.5-2.5-1)	16 weeks
3	NU-303: TEACHING/LEARNING PRINCIPLES 3(3-0)	16 weeks
4	NU-304: English-V 2(2-0)	16 weeks



5th Semester



NU301-PAEDIATRIC HEALTH NURSING 7(3-3+1)

Course Description

The focus of this course is to develop knowledge, skills and attitudes in the care of children in primary, secondary and tertiary settings. Learners will apply a concepts related to Growth and Development and its deviation in all aspects of children's health. Emphasis is placed on common health problems occurring in Pakistan and in South Asian Countries.

Cognitive Domain

By the end of this subject, students should be able to:

1. Develop awareness on common health issues of the children in Pakistan
2. Discuss principles of growth and development and its deviation in all aspects of nursing care.
3. Discuss the impact of hospitalization on the child and family.
4. Discuss the role of a family in the care of sick children in Pakistani Context.
5. Integrate pharmacological knowledge into care of sick children.
6. Integrate research based information in the care of child and family.

Skills Domain

By the end of this subject, students should be able to:

1. Collect history of a pediatric patient with utilization of Gordon Functional Health Pattern.
2. Perform newborn and child head to toe assessment including height and weight. Perform care of Tracheostomy.
3. Demonstrate medication administration/immunization with (Oral/SC/IV/IM /Instillation/Rectal) routes in children.
4. Provide care to an infant in an incubator machine.
5. Perform Suctioning (Oral, Nasal, Tracheal)

6. Insert N/G (Nasogastric) or O/G (Orogastric) tube among pediatric patients
7. Collect blood specimen of pediatric patient.
8. Demonstrate N/G (Nasogastric) or O/G (Orogastric) tube feeding among pediatric patients.
9. Collect the Urine specimen sample of a pediatric patient.
10. Demonstrate to care a pediatric patient with Peritoneal dialysis.
11. Perform the oro/naso, pharyngeal and tracheostomy suctioning among pediatric patients.
12. Demonstrate various positions to care and restrain pediatric clients.
13. Perform the GCS monitoring for newborn, infant and children admitted in hospital.
14. Perform the Lumbar Puncture procedure and its care under supervision.
15. Demonstrate care of an infant / neonate receiving oxygen therapy.
16. Perform care of an infant undergoing phototherapy.
17. Perform hygiene care (a tub bath) to an infant.

Affective Domain

By the end of this subject, students should be able to:

1. Follow the specified norms of the IL, SGD teaching & learning.
2. Demonstrate the humbleness and use the socially acceptable language during academic and social interactions with human models, colleagues and teachers.
3. Demonstrate ethically competent decisions when confronted with an ethical, social or moral problem related to professional or personal life.

TOS NU-301-PAEDIATRIC HEALTH NURSING 7(3-3+1)

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: PERSPECTIVE OF PAEDIATRIC NURSING										
1	Week-1	Definition	Define pediatric nursing.	C1			Interactive Lecture/SGD	3	MCQ's	5
2		Evolution	Discuss the evolution in pediatric nursing.	C2						
3		Role	Explain the role of paediatric nurse.	C2						
4		Paediatric Nursing in Paki- stan	Discuss the paediatric nursing in Pakistani culture.	C2						
5		Child Rights	Summarize and debate the rights of a child.	C5						
6		Ethical Issues	Discuss Commonly occurring ethical issues in pediatric setting of Pakistan.	C2						
7		Practical	Collect history of a pediatric patient with utilization of Gordon Functional Health Pattern.		P4		Demo	11	OPSE	5
8			Follow the professional standards and ethical norms while taking history of a pediatric patient.			A	Role Play		Formative Assessment	

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: GROWTH AND DEVELOPMENT IN CHILDREN AND NURSING ASPECTS & HEALTH PROMOTION OF NEWBORN AND FAMILY FROM GLOBAL/PAKISTANI PERSPECTIVES										
9	Week-2	Growth and Development	Discuss growth and development.	C2			Interactive Lecture/SGD	3	MCQ's	5
10		Assessment	Assess growth and development in children of different age group.	C6						
11		Growth/Development Pattern	Discuss pattern in South Asian countries, and influence of Pakistani culture on growth & development of a child.	C2						
12		Factors	Determine the Factors influencing physical and emotional development of children.	C2						
13		Milestones	Assess the milestones of growth and development in children.	C6						
14		Nursing Care	Apply nursing care dealing with deviations in Growth & Development pattern.	C3						
15		Gestational Age/Low Birth Wt	Discuss concepts of Small for Gestation Age, Low for Gestation Age, Appropriate for Gestation Age, LBW infants	C2						
16		Nursing Care Approaches	Discuss nursing care approaches for infants with Small Gestation Age and Low Birth Weight Infants in Paki-stan.	C1						
17		Gestational Age Assess-ment.	Discuss the new born Gestational age assessment.	C2						
18		Head to Toe Assessment	Understand head to toe assessment of a new born baby.	C2						
19		Developmental Care Ap-proach	Explain the Developmental Care Approach for premature and newborns in Pakistani families.	C2						
20		Nursing Care	Plan nursing care of the full term and premature babies and their families.	C5						
21		Practical	Perform newborn and child head to toe assessment including height and weight.		P4		Demo	11	OPSE	5
			Maintain the professional norms while doing newborn or child assessment.			A	Role Play		Formative Assessment	

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: PHARMACOLOGICAL CARE ASPECTS WHILE DEALING WITH PEDIATRIC PATIENTS & COMMUNICATION/ THERAPEUTIC PLAY WHILE CARING FOR CHILDREN WITH VARIOUS DISEASE PROCESS										
22	Week-3	Drug Dosage Calculation	Practice drug dosage calculation for the Pediatric drugs.	C2			Interactive Lecture/SGD	3	MCQ's	5
23		Drug Dilutions	Prepare common paediatric drug dilutions.	C2						
24		Concerns and Complications	Discuss the common Paediatric concerns and complications during drug therapy.	C2						
25		Care in Different Therapies	Provide care to children receiving Chemotherapy, antimicrobial therapy and long-term Insulin therapy	C2						
26		Pain Management	Manage pain in children by using pharmacological and non-pharmacological approaches.	C2						
27		Communication Guidelines	Discuss the guidelines for communication with children and families.	C2						
28		Role of play	Relate the role of play in growth and development of children.	C4						
29		Functions of Play	Enlist the functions of play for hospitalized children.	C1						
30		Differentiation	Differentiate between therapeutic play and play therapy.	C4						
31		Play as a Tool of Management	Explain play as a tool for nursing management.	C2						
32		Importance	Explain the importance of therapeutic play from Pakistani Perspectives	C2						
33		Practical	Demonstrate medication administration with (Oral/SC/IV/IM /Instillation/Rectal) routes in children.		P4					
34	Follow the professional standards and patient's rights during medication administration.				A	Role Play	Formative Assessment			

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: NURSING CARE ASPECTS FOR HIGH RISK NEWBORN										
35	Week-4	Common Problems	Enlist common newborn related problems in Pakistan and its Management.	C1			Interactive Lecture/SGD	3	MCQ's	5
36		Birth Injuries	Discuss birth injuries and other related injuries in newborns with its medical, surgical and nursing management.	C2						
37		Respiratory Distress Syn- drome	Explain Respiratory Distress Syndrome its pathological mechanism, manifestations and complete management.	C2						
38		Surfactant Therapy	Discuss surfactant therapy.	C2						
39		Transient Tachypnea	Discuss Transient Tachypnea of Newborn and its medical, surgical and nursing management.	C2						
40		Persistent Pulmonary Hyperten- sion	Explain Persistent pulmonary hypertension (PPHN) in newborn with its causes, s/s, diagnosis and management.	C2						
41		Intra Ventricular Hemorrhage	Discuss Intra Ventricular Hemorrhage with its pathogenesis, clinical manifestations, diagnosis and management.	C2						
42		Hyperbilirubinemia	Discuss Hyperbilirubinemia with its pathogenesis, clinical manifestations, diagnosis and management.	C2						
43		G1PD	Explain the pathological mechanism and management of Child with G1PD.	C2						
44		Birth Asphyxia	Discuss Birth Asphyxia with its etiology, manifestations and management.	C2						
45		Septicemia	Discuss Septicemia its management and care aspects.	C2						
46		Hypoglycemia	Explain Hypoglycemia in Infant of diabetic mothers.	C2						
47		Hypocalcaemia	Discuss Hypocalcaemia its etiology, clinical manifestations and management.	C2						
48		Inborn Error of Metabolism	Explain Inborn error of metabolism and its management.	C2						
49	Practical	Demonstrate medication administration with (Oral/SC/IV/ IM /Instillation/Rectal) routes in children.		P4		Demo	11	OPSE	5	
50		Follow the professional standards and patient's rights during medication administration.			A	Role Play		Formative Assessment		

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: CARE OF CHILD & FAMILY DURING HOSPITALIZATION & COMMON HEALTH PROBLEMS IN PAKISTANI CHILDREN AND THEIR NURSING MANAGEMENT: INFANTS AND EARLY /LATER CHILDHOOD										
51	Week-5	Nutrition Disturbance	Discuss the nutrition disturbance in infants, early and late childhood.	C2			Interactive Lecture/SGD	3	MCQ's	5
52		Protein Energy Malnutrition	Discuss protein energy malnutrition in infants, early and late childhood.	C2						
53		Nursing Care	Relate the nursing care approaches for dealing with protein energy malnutrition according to the age group.	C4						
54		Feeding Difficulties.	Explain the feeding difficulties in infants, early and late childhood.	C2						
55		Nursing Care	Explain the nursing care approaches for dealing with feeding difficulties according to the age group.	C2						
56		Failure to Thrive	Discuss failure to thrive in infants in infants, early and late childhood.	C2						
57		Nursing Care	Utilize the nursing care approaches for dealing with failure to thrive according to the age group.	C3						
58		SIDS	Explain the Sudden infant death syndrome in infants.	C2						
59		Nursing Care	Apply the nursing care approaches for dealing with Sudden infant death syndrome in infants.	C3						
60		Teething Problems	Assess teething problems in infants, early and late childhood.	C6						
61		Nursing Care	Explain the nursing care approaches for dealing with teething problems in infants	C2						
62		Complications/ Communicable	Discuss to deal with complications of nutritional problems and communicable diseases found commonly in Pak.	C2						
63		Post-Polio Syndrome	Discuss the Post-Polio Syndrome and its management.	C2						
64		Inflammatory Demyelinated Polyneuropathy	Discuss the chronic inflammatory demyelinated polyneuropathy.	C2						
65		Practical	Insert N/G (Nasogastric) or O/G (Orogastric) tube among pediatric patients		P3		Demo	11	OPSE	5
66			Maintain the professional standards during N/G or O/G tube among pediatric patients			A	Role Play		Formative Assessment	

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: CONGENITAL DEFECTS OF HEART AND CARDIOVASCULAR DYSFUNCTIONS										
67	Week-6	Fetal Circulation	Explain fetal circulation.	C2			Interactive Lecture/SGD	3	MCQ's	5
68		Congenital Malformations	Discuss congenital malformations of heart with their clinical manifestation and proper diagnosis.	C2						
69		Nursing Care	Relate the nursing care approaches while dealing clients with congenital malformations of heart.	C4						
70		Treatment Modalities	Relate pharmacology related treatment modalities of the above disorders (Indomethacin&prostaglandin thera-py).	C4						
71		Cardiovascular Dysfunc-tions	Enlist the cardiovascular dysfunctions among pediatric patients.	C1						
72		Rheumatic Heart Disease	Discuss the pathogenesis, clinical manifestation, diagnosis and management of Rheumatic heart disease.	C2						
73		Nursing Care Approaches	Utilize nursing care approaches to deal clients with cardiovascular (Rheumatic heart disease) dysfunctions.	C3						
74		Practical		Collect blood specimen of pediatric patient.		P4		Demo	11	OPSE
75	Follow the ethical norms and standards during specimen collection of a pediatric patient.					A	Role Play	Formative Assess-ment		

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: G.I DYSFUNCTIONS IN CHILDREN COMMONLY OCCURRING GI DYSFUNCTIONS REPORTED IN EARLY DAYS OF LIFE THAT NEEDS URGENT MANAGEMENT										
76	Week-7	Ingestion/Structural Defects	Enlist the ingestion problems and structural defects of GI system.	C1			Interactive Lecture/SGD	3	MCQ's	5
77		Cleft Palate	Discuss cleft palate with its pathology, manifestation, diagnosis, nursing, medical and surgical treatment.	C2						
78		Cleft Lip	Discuss cleft lip with its pathology, manifestation, diagnosis, nursing, medical and surgical treatment.	C4						
79		Tongue Tie	Discuss tongue tie with its pathology, manifestation, diagnosis, nursing, medical and surgical management.	C2						
80		Tracheo Esophageal Fistula	Discuss Tracheo esophageal fistula with its manifestation, nursing, medical and surgical management.	C2						
81		Pyloric Stenosis	Relate Pyloric stenosis with its pathology, manifestation, nursing, medical and surgical management.	C4						
82		Biliary Atresia	Describe Biliary Atresia with its pathology, manifestation, diagnosis, nursing, medical and surgical care.	C3						
83		Liver Abscess	Discuss Liver Abscess with its pathology, manifestation, diagnosis, nursing, medical and surgical treatment.	C2						
84		Intestinal Obstruction	Explain Intestinal obstruction with its pathology, s/s, diagnosis, nursing, medical and surgical management.	C3						
85		Hernia	Discuss Hernia with its pathology, manifestation, diagnosis, nursing, medical and surgical management.	C6						
86		Hirschprung's Disease	Discuss Hirschprung's disease with its pathology,s/s, diagnosis, nursing, medical and surgical management.	C2						
87		Intussusceptions	Relate Intussusceptions with its pathology, manifestation, diagnosis, nursing, medical and surgical care.	C4						
88		Volvulus	Discuss volvulus with its pathology, manifestation, diagnosis, nursing, medical and surgical management.	C2						
89		Amibiasis	Discuss Amibiasis with its pathology, manifestation, diagnosis, nursing, medical and surgical management.	C2						
90		Necrotizing Enterocolitis	Summarize Necrotizing Enterocolitis with its manifestation, diagnosis, nursing, medical and surgical treatment.	C5						
91		Commonly Used Medications	Enlist the commonly used medications in Pakistan for the above GI System disorders.	C1						
92		Necrotizing Enterocolitis	Demonstrate N/G (Nasogastric) or O/G (Orogastric) tube feeding among pediatric patients.		P3		Demo	11	OPSE	5
93			Follow the ethical norms and standards during N/G or O/G tube feeding among pediatric patients.			A	Role Play		Formative Assessment	

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: GENITO-URINARY DYSFUNCTIONS IN CHILDREN(COMMONLY OCCURRING GU DYSFUNCTIONS IN PEDIATRICS)										
94	Week-8	GU Dysfunctions	Enlist the commonly occurring GU dysfunctions in pediatrics.	C2			Interactive Lecture/SGD	3	MCQ's	5
95		Upper/Lower UTIs	Discuss the Upper and Lower Urinary tract infection with its pathologies, manifestations and treatment modalities	C2						
96		Nursing Care	Relate the nursing care of pediatric patients with Upper and Lower Urinary tract infections.	C4						
97		Nephrotic syndrome	Discuss Nephrotic syndrome with its pathogenesis, s/s, diagnosis, nursing, medical and surgical management.	C2						
98		Congenital Renal Atrophy	Discuss the Congenital Renal Atrophy with its diagnosis, manifestation and proper treatment modalities.	C2						
99		Nursing Care	Explain the nursing care of pediatric patients with congenital renal atrophy.	C2						
100		Bartter Syndrome	Discuss Bartter syndrome with its pathogenesis, manifestation, diagnosis and treatment modalities.	C2						
101		Nursing Care	Relate the nursing care of patient admitted with Bartter syndrome.	C4						
102		Practical	Collect the Urine specimen sample of a pediatric patient.		P4		Demo	11	OPSE	5
103	Follow the ethical norms during urine sample collection of a pediatric patient.				A	Role Play	Formative Assessment			
TOPIC: FLUID AND ELECTROLYTE IMBALANCE IN CHILDREN WITH VARIOUS DYSFUNCTIONS										
104	Week-9	Fluid and Electrolyte Imbalance	Discuss fluid and electrolyte imbalance in children.	C2			Interactive Lecture/SGD	3	MCQ's	5
105		Dysfunctions	Understand the fluid and electrolyte dysfunctions in children.	C2						
106		Nursing Care	Relate nursing care of pediatric patients with fluid and electrolyte imbalance with various dysfunctions.	C4						
107		Burns	Discuss Burns with its etiology, pathogenesis, types, medical and surgical management.	C2						
108		Nursing Care Aspects (Burns)	Relate nursing care aspects for maintaining fluid and electrolyte balance in the children with burn.	C4						
109		Nursing Care Aspects (GI)	Apply nursing care plan for maintaining fluid and electrolyte balance in the children with GI conditions.	C3						
110		Nursing Care Aspects (GU)	Utilize nursing care plan for maintaining fluid and electrolyte balance in the children with GU conditions.	C3						
111		Practical	Demonstrate to care a pediatric patient with Peritoneal dialysis.		P3		Demo	11	OPSE	5
112			Maintain the professional standards caring the patient with peritoneal dialysis.			A	Role Play		Formative Assessment	

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: RESPIRATORY DYSFUNCTION IN CHILDREN: COMMONLY OCCURRING RESPIRATORY PROBLEMS IN PEDIATRICS										
113	Week-10	Respiratory Tract Infections	Enlist the commonly occurring Upper and Lower Respiratory Tract Infections.	C21			Interactive Lecture/SGD	3	MCQ's	5
114		Pharyngitis	Discuss the pathogenesis, manifestations, diagnosis, treatment modalities and nursing care of Pharyngitis.	C2						
115		Tonsillitis	Discuss the pathogenesis, manifestations, diagnosis, treatment modalities and nursing care of Tonsillitis	C2						
116		Otitis media	Discuss the pathogenesis, manifestations, diagnosis, treatment modalities and nursing care of Otitis media.	C3						
117		Bronchlis	Explain the pathogenesis, manifestations, diagnosis, treatment modalities and nursing care of Bronchlis.	C5						
118		Pneumonia	Discuss the pathogenesis, manifestations, diagnosis and treatment modalities and nursing care of Pneumonia.	C2						
119		Asthma	Explain the pathogenesis, manifestations, diagnosis and treatment modalities and nursing care of Asthma.	C2						
120		Croup Syndrome	Discuss the pathogenesis, manifestations, diagnosis, treatment modalities and nursing care of Croup Syn-drome.	C3						
121		Cystic fibrosis	Discuss the pathogenesis, manifestations, diagnosis and treatment modalities and nursing care of Cystic fibro-sis.	C5						
122		Reactive Airway Diseases (RAD)	Explain pathology, manifestations, diagnosis, treatment modalities and nursing care of Reactive Airway Dis-ease.	C2						
123		Mechanical ventilator	Apply nursing care to pediatric client on Mechanical ventilator.	C3						
124	Practical	Perform the oro/naso, pharyngeal and tracheostomy suctioning among pediatric patients.		P3		Demo	11	OPSE	5	
125		Follow the ethical norms and standards during oro/naso-pharyngeal and tracheostomy suctioning pediatric patient.			A	Role Play		Formative Assessment		

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: MUSCULO-SKELETAL DYSFUNCTIONS IN CHILDREN										
126	Week-11	Kyphosis	Discuss the pathogenesis, manifestations, diagnosis, treatment modalities and nursing care of Kyphosis.	C2			Interactive Lecture/SGD	3	MCQ's	5
127		Lordosis	Discuss the pathogenesis, manifestations, diagnosis, treatment modalities and nursing care of Lordosis.	C2						
128		Scoliosis	Discuss the pathogenesis, manifestations, diagnosis, treatment modalities and nursing care of Scoliosis.	C2						
129		Types of Fractures in children	Discuss the various types of common fractures in children.	C2						
130		Rheumatoid arthritis	Discuss pathogenesis, manifestations, diagnosis, treatment modalities and nursing care of Rheumatoid arthritis.	C2						
131		Congenital hip dislocation	Discuss pathology, manifestations, diagnosis, treatment modalities and nursing care of Congenital hip dislocation.	C2						
132		Nursing care	Relate nursing care, child with cast, traction, rehabilitative care, medical, surgical management for above disorders	C4						
133		Practical	Demonstrate various positions to care and restrain pediatric clients.		P4		Demo	11	OPSE	5
134			Maintain the professional standards caring the patient with positioning and restraining among pediatric clients.			A	Role Play		Formative Assessment	
TOPIC: NEURO-MUSCULAR DYSFUNCTIONS IN CHILDREN										
135	Week-12	Neuron-Muscular Dysfunctions	Enlist the commonly occurring neuron-muscular dysfunctions in Pediatric patients.	C2			Interactive Lecture/SGD	3	MCQ's	5
136		Cerebral Palsy	Discuss the pathogenesis, manifestations, diagnosis, treatment modalities and nursing care of Cerebral palsy.	C2						
137		Muscular Dystrophy	Discuss the pathogenesis, manifestations, diagnosis, treatment modalities and nursing care of Muscular dystrophy.	C2						
138		Gillian-Barre Syndrome	Discuss pathogenesis, manifestations, diagnosis, treatment modalities and nursing care of Gillian-Barre Syndrome	C2						
139		Spina Bifida	Discuss the pathogenesis, manifestations, diagnosis, treatment modalities and nursing care of Spina bifida.	C2						
140		Meningomyelocele.	Discuss pathogenesis, manifestations, diagnosis, treatment modalities and nursing care of Meningomyelocele.	C2						
141		Nursing Care	Relate nursing care, child with cast, traction, rehabilitative care, medical, surgical management for above disorders	C4						
142		Overview of Institutes	Relate an overview of institutes (NGO's and Government law organization) working in Pakistan for the rehabilitation of children with the above dysfunctions.	C4						
143		Practical	Perform the GCS monitoring for newborn, infant and children admitted in hospital.		P4		Demo	11	OPSE	5
144			Follow the professional standards during GCS monitoring for newborn, infant and children admitted in hospital.			A	Role Play		Formative Assessment	

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: COGNITIVE/ SENSORY DYSFUNCTIONS AND REHABILITATION & CEREBRAL DYSFUNCTION IN CHILDREN										
145	Week-13	Hearing	Discuss hearing ant its nursing care, rehabilitation; pharmacological, medical and surgical treatment modalities.	C2			Interactive Lecture/SGD	3	MCQ's	5
146		Visual Impairment	Discuss visual impairment, its nursing care, rehabilitation, pharmacological, medical and surgical management.	C2						
147		Mental Retardation	Explain the pathology, manifestation, diagnosis, treatment modalities and nursing care of Mental retardation	C2						
148		Downs' Syndrome	Discuss the pathogenesis, manifestation, diagnosis, treatment modalities and nursing care of Downs' syndrome	C2						
149		Meningitis	Explain pathogenesis, manifestations, diagnosis, medical, surgical, nursing care and rehabilitation of Meningitis.	C2						
150		Hydrocephalus	Discuss pathogenesis, manifestation, diagnosis, medical, surgical, nursing care and rehabilitation of Hydroceph-alus	C2						
151		Encephalitis	Discuss pathogenesis, manifestation, diagnosis, medical, surgical, nursing care and rehabilitation of Encephalitis	C2						
152		Seizures Disorders	Summarize seizures disorders (Febrile and Epilepsy) with its treatment modalities, nursing care and rehabilita-tion.	C5						
153		Head Injury	Relate head injury due to various causes in children with different age group and its management.	C4						
154		Practical	Perform the Lumber Puncture procedure and its care under supervision.		P2		Demo	11	OPSE	5
155	Maintain the professional standards during Lumber Puncture procedure and its care under supervision				A	Role Play	Formative Assessment			
TOPIC: PAEDIATRIC ONCOLOGY										
156	Week-14	Leukemia	Discuss Leukemia in children, its prognosis and current treatment modalities in Pakistan.	C2			Interactive Lecture/SGD	3	MCQ's	5
157		Hodgkin/Non-Hodgkin Lympho-ma	Differentiate Hodgkin and non-Hodgkin lymphoma based on their manifestation, diagnosis and management.	C4						
158		Porta Cath Care	Explain the Porta Cath care and its importance in Paediatric patients.	C2						
159		Nursing Care	Relate nursing care for pediatric patients receiving chemotherapy from different routes.	C4						
160		Palliative Care	Discuss the Palliative Care approaches in Pakistani Culture.	C2						
161		Nursing Care	Relate the nursing care approach for dealing patients with death and dying situations.	C4						
162		Practical	Demonstrate care of an infant / neonate receiving oxygen therapy.		P4		Demo	11	OPSE	5
163			Follow the professional standards during care of an infant/ neonate receiving oxygen therapy.			A	Role Play		Formative Assessment	

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: COGNITIVE/ SENSORY DYSFUNCTIONS AND REHABILITATION & CEREBRAL DYSFUNCTION IN CHILDREN										
164	Week-15	Anaemia	Discuss Anaemia with its nursing care, rehabilitation, pharmacological, medical and surgical management.	C2			Interactive Lecture/SGD	3	MCQ's	5
165		Thalassemia	Discuss Thalassemia with its nursing care, rehabilitation, pharmacological, medical and surgical management.	C2						
166		Sickle cell anemia	Discuss sickle cell anemia with its nursing care, rehabilitation, pharmacological, medical and surgical manage-ment	C2						
167		Aplastic anemia	Discuss aplastic anemia with its nursing care, rehabilitation, pharmacological, medical and surgical management.	C2						
168		Hemophilia	Explain Hemophilia with its nursing care, rehabilitation, pharmacological, medical and surgical management.	C2						
169		DIC	Relate Disseminated Intravascular Coagulation with its medical, surgical and nursing management.	C4						
170		Thrombocytopenia	Explain Thrombocytopenia with its nursing care, rehabilitation, medical and surgical management.	C2						
171		Blood Transfusion Care	Relate pharmacological/non-pharmacological care of patients receiving blood transfusion and blood products.	C4						
172		Practical	Perform care of an infant underdoing phototherapy.		P3		Demo	11	OPSE	5
173			Maintain the professional standards while caring an infant undergoing phototherapy.			A	Role Play		Formative Assessment	

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: ENDOCRINE DYSFUNCTIONS IN PEDIATRIC CLIENTS										
174	Week-16	Insulin Dependent Diabetes	Discuss Insulin dependent diabetes mellitus (IDDM) with its pathogenesis, s/s, diagnosis and treatment modalities.	C1			Interactive Lecture/SGD	3	MCQ's	5
175		Diabetic Insipidus	Relate Diabetic insipidus with its nursing care, rehabilitation, pharmacological, medical and surgical management.	C2						
176		Cushing Syndrome	Relate cushing syndrome with its nursing care, rehabilitation, pharmacological, medical and surgical management.	C2						
177		Hyperthyroidism	Discuss Hyperthyroidism with its nursing care, rehabilitation, pharmacological, medical and surgical management.	C3						
178		Hypothyroidism	Discuss Hypothyroidism with its nursing care, rehabilitation, pharmacological, medical and surgical management.	C3						
179		Hypopituitarism	Explain Hypopituitarism with its nursing care, rehabilitation, pharmacological, medical and surgical management.	C2						
180		Hyperpituitarism	Explain Hyperpituitarism with its nursing care, rehabilitation, pharmacological, medical and surgical management.	C2						
181		Practical	Perform wound dressing of patients with open burn and skin injuries.		P4		Demo	11	OPSE	5
182			Follow the professional standards while doing dressing of the patient with open skin or burn injuries.			A	Role Play		Formative Assessment	

NU302-COMMUNITY HEALTH NURSING-II 6(2.5-2.5+1)

Course Description

This course will focus on the role of community health Nurses in providing family centered care and basic concepts of Reproductive Health for male and female through emphasis on obstetrics, gynecological morbidities, infertility, family planning, adolescent related health problems, immunization, tropical disease, abortions, reproductive health indicators, and related health education. This course will further emphasize on prevention, management and treatment of tropical and communicable diseases prevalent in Pakistan. Students will be assisted to utilize functional health pattern and nursing process to understand these diseases in connection to epidemiological triad, chain of infection and web of causation.

Cognitive Domain

By the end of this subject, students should be able to:

1. Discuss the role of a nurse and other health team members in providing reproductive health care.
2. Discuss attitudes and practices towards marriage, birth, family planning, communicable diseases and immunization.
3. Integration of reproductive health and its relationship to poverty, access and quality of care. Issues related to maternal morbidity and mortality.
4. Discuss the maternal and child health care programs in Pakistan and integrate the relevant concepts into nursing practice.
5. Discuss the common communicable and tropical disease in Pakistan and integrate the relevant concepts into nursing practice.
6. Provide family centered care with focus on mother and child.
7. Learn to demonstrate the legal and ethical nursing practice while providing care to the family.
8. Identify the role of the individual and the family in the promotion and maintenance of health and prevention of disease.
9. Discuss epidemiological data of tropical and communicable diseases

- prevalent in Pakistan incorporating relevant research finding.
10. Discuss the diagnostic procedures, pathophysiology and treatment of patients with Tropical and Communicable Diseases.
11. Discuss Epidemiological triad, chain of infection and web of causation in relation to tropical and Communicable Disease.
12. Utilize Functional Health Patterns and nursing process in delivering the care for patients in hospital/community setting with tropical and communicable diseases prevalent in Pakistan.
13. Demonstrate awareness of legal rights and ethical issues while caring for patients with Tropical and Communicable Diseases.
14. Identify and apply the preventive measures including isolation techniques while caring for the patients in hospital/community setting

Skills Domain

By the end of this subject, students should be able to:

1. Take history related to reproductive health of a client.
2. Administer vaccines among children as per the EPI schedule.
3. Conduct post vaccination teaching among mothers and family members.
4. Educate a mother to prevent the droplet infections/communicable diseases among their children.
5. Administer tetanus and other maternal vaccine to the female patient during pregnancy.
6. Educate the patients for the prevention of Scabies, Impetigo, Ringworms and Trachoma.
7. Demonstrate application of nursing process in care of patients with diarrhoeal diseases, cholera and dysentery.
8. Administer hepatitis vaccine to adult patients visiting the vaccine center.
9. Administer rabies and typhoid vaccine to the patients visiting the rural health center.
10. Educate people with the preventive measures regarding sexually transmitted diseases.
11. Perform family needs assessment during home visits.
12. Perform the antenatal assessment/physical examination visiting the rural health center.
13. Prepare patient kit for home delivery process.



14. Teach mothers for newborn baby care and breastfeeding importance.
15. Assist in care of Tubal Ligation/Tubectomy and vasectomy procedures.
16. Conduct family planning counseling sessions.

Affective Domain

By the end of this subject, students should be able to:

1. Follow the specified norms of the IL, SGD teaching & learning.
2. Demonstrate the humbleness and use the socially acceptable language during academic and social interactions with human models, colleagues and teachers.
3. Demonstrate ethically competent decisions when confronted with an ethical, social or moral problem related to professional or personal life.



TOS NU302-COMMUNITY HEALTH NURSING-II 6(2.5-2.5+1)

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: INTRODUCTION TO REPRODUCTIVE HEALTH										
1	Week-1	Reproductive Health	Define reproductive health.	C1			Interactive Lecture/SGD	3	MCQ's	5
2		Relevant Terms	Discuss the relevant terms related to reproductive health.	C2						
3		Reproductive Health Component	Interpret the components of reproductive health.	C3						
4		Poverty, Quality Care & Access	Discuss women's reproductive health in relation to poverty, quality of care, and access.	C2						
5		Gender Equity & Basic Services	Explain gender equity, basic health service, and emotional psychological support.	C2						
6		Nurse Role	Relate the role of a community health nurse and other health team members in reproductive health care.	C4						
7		Practical	Take history related to reproductive health of a client.		P4		Demo	10	Formative Assessment	
8			Maintain the professional norms and standards during taking history of the client with reproductive health.			A	Role Play			
TOPIC: IMMUNIZATION										
9	Week-2	Immunization	Define Immunization.	C1			Interactive Lecture/SGD	3	MCQ's	5
10		Immunization Vs Vaccination	Differentiate between immunization and vaccination.	C4						
11		EPI	Discuss Expanded Program for Immunization (EPI) in Pakistan.	C2						
12		Types of Immunity	Conclude the different types of Immunity.	C6						
13		Tropical/Communicable Diseases	Enlist the common tropical and communicable diseases.	C1						
14		Vaccine Preventable Diseases	Enlist seven childhood communicable and vaccine preventable diseases covered by EPI.	C1						
15		Types of Vaccines	Classify the types of vaccines.	C2						
16		Vaccine Administration	Practice the preparation and administration of vaccines.	C3						
17		Practical	Administer vaccines among children as per the EPI schedule.		P4		Demo	10	Formative Assessment	
18			Follow the professional standards during the administration of vaccine among children.			A	Role Play			

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
19	Week-3	Vaccine Schedule	Describe the vaccine schedule by EPI in Pakistan.	C2			Interactive Lecture/SGD	3	MCQ's	5
20		Contraindications/Side Effects	Explain the contra indications and side effects of vaccines.	C2						
21		Preparation Session	Discuss the preparation for an immunization session.	C2						
22		Immunization Importance	Relate the importance of childhood immunization in family context.	C4						
23		Cold Chain/Vaccine Storage	Discuss the process of cold chain and storage of vaccine.	C2						
24		Nurse Role	Discuss the responsibilities of a nurse to maintain cold chain.	C2						
25		Community/Family Motivation	Discuss the Family/Communities practices and motivation towards immunization.	C2						
26		Vaccination Education/Teaching	Propose the points for Health Education and Post Vaccination teaching.	C5						
27		Practical	Conduct post vaccination teaching among mothers and family members.		P4		Demo	10	Formative Assessment	
28			Maintain the ethical norms during post vaccination teaching to the mothers and family members.			A	Role Play			

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: TROPICAL AND COMMUNICABLE DISEASES										
29	Week-4	Tropical/Communicable Diseases	Discuss tropical and communicable diseases.	C2			Interactive Lecture/SGD	3	MCQ's	5
30		Droplet Infections	Enlist the disorders spread by droplet infections.	C1						
31		Tuberculosis	Discuss Tuberculosis with its pathology, causes, s/s, diagnosis, prevention, treatment modalities and nursing care.	C2						
32		Role of Nurse	Relate the role of nurse in prevention and control of Tuberculosis in hospital and Community setting.	C4						
33		Diphtheria	Discuss Diphtheria with epidemiological triad, incubation, reservoir, source, s/s, diagnosis complications and management	C2						
34		Pertussis	Discuss Pertussis with epidemiological triad, incubation, reservoir, source, s/s, diagnosis complications and management.	C2						
35		Measles	Discuss Measles with epidemiological triad, incubation, reservoir, source, s/s, diagnosis complications and management.	C2						
36		Mumps	Discuss Mumps with epidemiological triad, incubation, reservoir, source, s/s, diagnosis complications and management.	C2						
37		Prevention and Control	Evaluate the role of a Community Health Nurse in prevention/control of Diphtheria, Pertussis, Measles, and Mumps.	C6						
38		Practical	Educate a mother to prevent the droplet infections/communicable diseases among their children.		P4		Demo	10	Formative Assessment	
39	Follow the professional standards during teaching the mothers regarding droplet/communicable infection prevention.				A	Role Play				

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
40	Week-5	Varicella	Discuss Varicella (Chicken Pox, Herpes Zoster, Herpes Simplex) with its pathology, causes and epidemiological triad.	C2			Interactive Lecture/SGD	3	MCQ's	5
41		Varicella and its Management	Discuss manifestations, complications, diagnosis, prevention, control, treatment and nursing care of Varicella.	C2						
42		Rubella	Discuss Rubella with its pathology, epidemiological triad, causes, manifestations, complications and diagnosis.	C2						
43		Rubella Management	Discuss the prevention, control, treatment modalities and nursing care of Rubella.	C2						
44		Rubella in Pregnancy	Relate the implication of rubella on pregnancy.	C4						
45		Rubella Vaccine	Explain the importance of rubella vaccine before pregnancy.	C2						
46		Leprosy	Discuss leprosy with its epidemiological triad, s/s, complications, diagnosis, prevention, control, treatment and care.	C2						
47		Anthrax	Discuss Anthrax with epidemiological triad, s/s, complications, diagnosis, prevention/control/treatment/nursing care.	C2						
48		Severe Acute Respiratory Syn-drome	Discuss SARS with epidemiological triad, s/s, complications, diagnosis, prevention/control/treatment and nursing care	C2						
49		Viral Hemorrhagic Fever	Discuss VHF with its epidemiological triad, s/s, complications, diagnosis, prevention/control/treatment/nursing care.	C2						
50		Tetanus	Discuss Tetanus with its epidemiological triad, s/s, complications, diagnosis, prevention, treatment and nursing care.	C2						
51	Week-5	Practical	Administer tetanus and other maternal vaccine to the female patient during pregnancy.		P4		Demo	10	Formative Assessment	
52			Maintain the professional standards during administration of tetanus vaccine to the female patient during pregnancy.			A	Role Play			

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
53	Week-6	Skin Contact Disorders	Enlist disorders spread by skin contact and poor personal hygiene.	C1			Interactive Lecture/SGD	3	MCQ's	5
54		Scabies	Discuss Scabies with causes, clinical manifestations, diagnosis, prevention, control and treatment.	C2						
55		Impetigo	Discuss Impetigo with causes, clinical manifestations, diagnosis, prevention, control and treatment.	C2						
56		Ringworms	Discuss Ringworms with causes, clinical manifestations, diagnosis, prevention, control and treatment.	C2						
57		Trachoma	Discuss Trachoma with causes, clinical manifestations, diagnosis, prevention, control and treatment.	C2						
58		Stages of Blinding Trachoma	Describe the stages of blinding trachoma.	C2						
59		Itch Mite	Describe the lifecycle of itch mite.	C2						
60		Role of a Nurse	Explain the role of a nurse in the prevention and control of Scabies, Impetigo, Ringworms and Trachoma.	C2						
61		Practical	Educate the patients for the prevention of Scabies, Impetigo, Ringworms and Trachoma.		P4		Demo	10	Formative Assessment	
62			Follow ethical norms during educating the patient for the prevention of Scabies, Impetigo, Ringworms and Trachoma.			A	Role Play			
63	Week-7	Ingestion/ Water Borne Diseases	Enlist disorders spread by ingestion of contaminated food and water borne diseases.	C1			Interactive Lecture/SGD	3	MCQ's	5
64		Diarroheal diseases	Discuss Diarroheal diseases with epidemiological triad, chain of infection, causes, s/s, complication and diagnosis.	C2						
65		Dehydration	Explain mechanism of dehydration in diarrhea.	C2						
66		Sign and Symptoms	Assess the child (client) with sign and symptoms of dehydration.	C5						
67		Prevention and Treatment	Explain the prevention, treatment and nursing care of diarrheal diseases at homes and hospital settings.	C2						
68		Cholera	Discuss Cholera with its epidemiological triad, chain of infection, causes, manifestation, complications and diagnosis	C2						
69		Prevention and Management	Explain the prevention, treatment and nursing care of Cholera at homes and hospital settings.	C2						
70		Dysentery	Discuss Dysentery with epidemiological triad, chain of infection, causes, manifestation, complications and diagnosis	C2						
71		Prevention and Management	Explain the prevention, treatment and nursing care of Dysentery at homes and hospital settings.	C2						
72		Practical	Demonstrate application of nursing process in care of patients with diarroheal diseases, cholera and dysentery.		P4		Demo	10	Formative Assessment	
73			Maintain the professional standards during nursing care of patients with diarroheal diseases, cholera and dysentery.			A	Role Play			

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
74	Week-8	Cholera and Dysentery	Differentiate between Cholera and Dysentery.	C4			Interactive Lecture/SGD	3	MCQ's	5
75		Amebic and Bacillary Dysentery	Differentiate between amebic and bacillary dysentery.	C4						
76		Enteric Fever	Discuss Enteric Fever with epidemiological triad, chain of infection, causes, s/symptoms, complications and diagnosis	C2						
77		Prevention and Management	Explain the prevention, treatment and nursing care of Enteric Fever at homes and hospital settings.	C4						
78		Nurses Role	Explain role of a nurse in prevention of Diarrhoeal Diseases, Cholera, Dysentery, Food Poisoning and Enteric Fever.	C2						
79		Poliomyelitis	Discuss Poliomyelitis with its types, clinical manifestations, management, control, prevention and role of nurse.	C2						
80		Hepatitis	Discuss Hepatitis with its types, clinical manifestations, management, control, prevention and role of nurse.	C2						
81		Literature on Hepatitis	Review literature on hepatitis in Pakistan as well of other developing countries.	C6						
82		Advanced Treatment of Hepatitis	Discuss scientific advancement in the treatment of hepatitis.	C2						
83		Practical	Administer hepatitis vaccine to adult patients visiting the vaccine center.		P4		Demo	10	Formative Assessment	
84			Follow the professional standards during administration of hepatitis vaccine to patient visiting the vaccine center			A	Role Play			

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
85	Week-9	Worms/ Helminthes Infestation	Define worms and helminthes infestation.	C1			Interactive Lecture/SGD	3	MCQ's	5
86		Types of Worms	Classify types of worms (Pin worms, round worms, hook worms and tape worms) in details with epidemiological triad	C2						
87		Pathology and Management	Discuss pathological process and medical management of helminthes and complications of worm Infestation.	C2						
88		Nurse Role	Explain the role of a nurse in prevention and control of helminthes infestation.	C4						
89		Insects/Animal Vector Disorders	Enlist disorders spread by insects and animal vector.	C1						
90		Rabies	Explain rabies in the context of agent, host and environment.	C2						
91		Rabies Pathophysiology	Discuss rabies with its pathophysiology, first aid of dog bite, course of anti-rabies treatment, prevention and control.	C2						
92		Malaria and Dengue	Discuss Malaria and Dengue in the context of agent, host and environment	C2						
93		Sexual and Asexual Cycle	Explain the Malarial Sexual and Asexual Cycle.	C2						
94		Malaria and Dengue Pathology	Discuss Malaria and Dengue with its pathogenesis, s/s, complications, treatment course, care, prevention and control.	C2						
95		Typhus Fever	Describe pathophysiology, types, Signs and Symptoms, management, prevention and control of Typhus Fever	C2						
96		Pediculosis	Describe types, life cycle, risk group, S/S, management, prevention and control Pediculosis	C2						
97		Nurse Role	Relate the role of nurse in prevention and control of lice infestation and typhus fever	C4						
98		Pediculosis	Administer rabies and typhoid vaccine to the patients visiting the rural health center.		P4		Demo	10	Formative Assessment	
99			Describe types, life cycle, risk group, S/S, management, prevention and control Pediculosis			A	Role Play			

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
100	Week-10	Venereal /Sexual Diseases-STDs	Define terms: venereal diseases/ Sexually transmitted diseases (STDs)	C1			Interactive Lecture/SGD	3	MCQ's	5
101		Common STDs	Identify STDs commonly found in Pakistan and in developing countries.	C1						
102		Gonorrhea	Discuss the pathogenesis, clinical manifestation, diagnosis, prevention and management of Gonorrhea	C2						
103		Syphilis	Discuss the pathogenesis, clinical manifestation, diagnosis, prevention and management of Syphilis	C2						
104		Chlamydia	Discuss the pathogenesis, clinical manifestation, diagnosis, prevention and management of Chlamydia	C2						
105		STDs Prevalence	Discuss the prevalence of STDs from research work	C2						
106		STDs Management	Relate WHO guidelines for the management of STDs	C4						
107		STDs Complications	Discuss possible complications of STDs.	C2						
108		STDs Prevention/Nurse Role	Explain the role of a nurse educator in the prevention of STDs.	C2						
109		Practical	Educate people with the preventive measures regarding sexually transmitted diseases.		P4		Demo	10	Formative Assessment	
110			Follow the professional norms while teaching to prevent sexually transmitted diseases.			A	Role Play			

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: FAMILY CENTERED CARE										
111	Week-11	Family and Its Functions	Define family and discuss its functions.	C2			Interactive Lecture/SGD	3	MCQ's	5
112		Types/Structure/Organiza- tion	Classify the types, structure/organization of a family.	C2						
113		Different Roles	Describe the different roles adopted by family members.	C2						
114		Boundaries/Power/Decision	Discuss the concept of boundaries, family power and decision making.	C2						
115		Family Assessment	Discuss family assessment with its problems identification/ diagnosis, goals, implementation and evaluation	C2						
116		Family Nursing Diagnosis	Enlist family nursing diagnosis.	C1						
117		Family as a Unit of Care	Discuss family as a unit of care.	C2						
118		Care of a Family as Client	Discuss care of a family as client.	C2						
119		Communication Patterns	Discuss the communication patterns.	C2						
120		Stressors	Identify the stressors prevalent within and outside family.	C1						
121		Coping Mechanism	Explain how coping mechanism can help to maintain family functions.	C2						
122		Values and Beliefs	Differentiate between values and beliefs.	C4						
123		Pakistani Family	Identify Pakistani family values and beliefs.	C1						
124		Importance	Understand the importance of knowing values and belief as a nurse.	C2						
125		Family Centered Nursing Process	Discuss the steps of family centered nursing process.	C2						
126		Eight Stages of Family	Define eight stages of family developmental life cycle.	C1						
127		Roles/Tasks of Family	Discuss the roles/tasks of family members in each stage.	C2						
128		Nurse Role	Relate the roles and functions of nurse in family centered care.	C4						
129	Practical	Perform family needs assessment during home visits.		P4		Demo	10	Formative Assess- ment		
130		Follow the professional norms while doing family assessment during home visits.			A	Role Play				

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: SAFE MOTHERHOOD AND NEWBORN RELATED CARE										
131	Week-12	Minor Ailments in Pregnancy	Discuss the objectives of MCH Services and get the introduction to the concepts of Reproductive Health.	C1			Interactive Lecture/SGD	3	MCQ's	5
132		Diagnostic Tests	Explain antenatal, pre-conception and conception terms and its care.	C1						
133		Maternal Mortality	Discuss the antenatal visits schedule.	C2						
134		High-Risk Mothers	Describe the guidelines for antenatal assessment, care and teaching.	C1						
135		Pre-Eclampsia and Eclampsia	Discuss the physiological changes during pregnancy.	C2						
136		Home Delivery Preparation	Relate the role of history taking and physical examination during pregnancy.	C2						
137		Home Delivery Process	Discuss assessment of pregnant women.	C2						
138		Stages of Labour	Discuss the schedule and importance of Maternal Immunization.	C4						
139		Postnatal Complication	Explain prevention of infection during pregnancy.	C2						
140		Practical	Perform the antenatal assessment/physical examination visiting the rural health center.		P4		Demo	10	Formative Assessment	
141	Follow the professional norms while doing antenatal assessment and physical examination visiting the rural health center.				A	Role Play				

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
142	Week-13	Minor Ailments in Pregnancy	Identify minor ailments during pregnancy and discuss their management.	C1			Interactive Lecture/SGD	3	MCQ's	5
143		Diagnostic Tests	Enlist the diagnostic tests and their purpose in pregnancy	C1						
144		Maternal Mortality	Discuss the causes of maternal mortality in Pakistan.	C2						
145		High-Risk Mothers	Identify high-risk mothers and discuss the need of referral.	C1						
146		Pre-Eclampsia and Eclampsia	Discuss Pregnancy induced hypertension (pre-eclampsia and eclampsia).	C2						
147		Home Delivery Preparation	Explain the preparation of mothers for home delivery.	C2						
148		Home Delivery Process	Discuss Home Delivery process and its management.	C2						
149		Stages of Labour	Differentiate the stages of Labour.	C4						
150		Postnatal Complication	Discuss the postnatal complications.	C2						
151		Practical	Prepare patient kit for home delivery process.		P4		Demo	10	Formative Assessment	
152			Follow the professional norms while preparing the patient/kit for home delivery.			A	Role Play			

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
153	Week-14	Post-Partum Hemorrhage	Explain the Post-partum Hemorrhage and Infections	C2			Interactive Lecture/SGD	3	MCQ's	5
154		Nursing Guidelines	Describe the nursing guidelines for post-partum assessment, care and teaching.	C2						
155		Breast Feeding Importance	Discuss the importance of breast feeding for a new born baby.	C2						
156		Newborn Baby Care	Explain the care of newborn baby at home and emphasize on Breast Feeding.	C2						
157		Traditional Birth Attendant	Relate the Role of Traditional birth attendant in the Community	C4						
158		Delivery Kit	Enlist the equipment's, instruments and supplies in the delivery kit.	C1						
159		Post Natal Mothers Care	Discuss care of Post Natal mothers during home delivery.	C2						
160		Post Natal Contraception	Discuss the Post Natal contraception.	C2						
161		Diet and Exercise	Explain diet and exercise to the mothers.	C2						
162		Mother and Infant Needs	Educate on immediate and long term needs of mother and infant.	C3						
163	Week-14	Practical	Teach mothers for newborn baby care and breast feeding importance.		P4		Demo	10	Formative Assessment	
164			Maintain the professional standards during teaching the mothers for a newborn care and breast feeding practices.			A	Role Play			

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: FAMILY PLANNING (FP)										
165	Week-15	Family planning	Discuss family planning	C2			Interactive Lecture/SGD	3	MCQ's	5
166		Constrains	Discuss the constrains of family planning in Pakistan	C2						
167		Methods	Classify the methods of family planning	C4						
168		Consequences	Describe the consequences of population growth in Pakistan.	C2						
169		Family Planning Services	Identify Family Planning (FP) services available in Pakistan.	C1						
170		Aspects of Family Planning	Understand social, economic, political and religious aspects of FP in Pakistan.	C2						
171		Nurses Responsibilities	Discuss the responsibilities and role of a nurse in Family Planning.	C2						
172		Contraceptive Methods	Describe the indications, contraindications, advantages and side effects of different contraceptive methods	C2						
173		Counseling Skills	Relate the importance and steps of counseling skills.	C4						
174		Practical	Assist in care of Tubal Ligation/Tubectomy and vasectomy procedures.		P4		Demo	10	Formative Assess-ment	
175	Follow the professional standards during care of Tubal Ligation/Tubectomy and vasectomy procedures.				A	Role Play				
TOPIC: ADOLESCENT REPRODUCTIVE AND SEXUAL HEALTH										
176	Week-16	Terms Definitions	Define the terms adolescence, puberty, reproductive and sexual health.	C2			Interactive Lecture/SGD	3	MCQ's	5
177		Changes during Puberty	Understand the changes during puberty.	C2						
178		Common Problems in Pu-berty	Discuss common problem occur during puberty.	C2						
179		Coping Mechanism	Identify the coping mechanism strategies among adolescents.	C4						
180		Nursing Care/Counseling	Demonstrate nursing care and counseling among adolescents.	C2						
181		Practical	Conduct family planning counseling sessions.		P4		Demo	10	Formative Assess-ment	
182			Maintain the ethical norms during family counseling sessions.			A	Role Play			



NU303- TEACHING/LEARNING PRINCIPLES 3(3-0)

This course introduces the basic concepts of adult learning in order to better understand one's individual learning process and strategies to facilitate the learning of others in various health care settings. An underlying premise is that learning is a life-long process. Theory will be linked with practical teaching and learning principles. Learning will mainly occur through activities and participation in class

Cognitive Domain

By the end of this subject, students should be able to:

1. **Analyze various adult learning theories and the characteristics of adult.**
2. **Describe the complexity of conditions that impact on learning.**
3. **Critically reflect on one's own learning.**
4. **Utilize appropriate health teaching strategies for diverse settings.**
5. **Plan patient and family education session by utilizing the steps of patient education.**

Affective Domain

By the end of this subject, students should be able to:

1. **Follow the specified norms of the IL, SGD teaching & learning.**
2. **Demonstrate the humbleness and use the socially acceptable language during academic and social interactions with human models, colleagues and teachers.**
3. **Demonstrate ethically competent decisions when confronted with an ethical, social or moral problem related to professional or personal life.**



TOS - NU303- TEACHING/LEARNING PRINCIPLES 3(3-0)

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: REFLECTIVE WRITING AND CRITICAL THINKING										
1	Week-1	Reflective Writing	Discuss reflective writing.	C2			Interactive Lecture/SGD	3	MCQ's	5
2		Critical Thinking	Explain critical thinking.	C2						
3		Reflective Learning	Develop an understanding of the reflective learning.	C5						
4		Journal Writing	Discuss journal writing.	C2						
5		Journal Writing Process	Explain the process of journal writing	C3						
TOPIC: STAGES IN LEARNING, PHYSICAL ENVIRONMENT AND WELL-BEING										
6	Week-2	Learning	Define learning.	C2			Interactive Lecture/SGD	3	MCQ's	5
7		Experiential Learning	Discuss the experiential learning	C2						
8		Developmental Stages	Explain the developmental stages of learning and experiential learning.	C2						
9		Impact of Health on Learning	Discuss the impact of state of physical health on learning	C2						
10		Emotional Aspect	Discuss the emotional aspect including stress on learning.	C2						
11	Week-3	Learning Theories	Enlist the learning theories.	C1			Interactive Lecture/SGD	3	MCQ's	5
12		Interactive Learning Theories	Discuss the interactive learning theories.	C2						
13		Physical Environment	Discuss physical environment conducive to wellbeing and learning.	C2						
14		Theories	Explain behavioral, cognitive, humanistic and dialectical (interactive) theories in relation to a conducive learning.	C2						

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: LEARNING CYCLE, MODELS AND LEARNING STYLES										
15	Week-4	Learning Cycles	Describe the examination of the learning cycles.	C2			Interactive Lecture/SGD	3	MCQ's	5
16		Kolb and Taylor Models	Explain Kolb and Taylor models of learning.	C2						
17		Impact of Models	Discuss the impact Kolb and Taylor models on learning.	C2						
18	Week-5	Learning Style	Describe the learning style.	C2			Interactive Lecture/SGD	3	MCQ's	5
19		Types of Learning Style	Discuss types and characteristics of learning styles.	C2						
20		Importance	Relate the importance of knowing the learning styles	C4						
21		Problems Solving	Discuss problems-solving and the learning cycle.	C2						
TOPIC: LEARNING THEORIES AND CHARACTERISTICS OF ADULT LEARNERS										
22	Week-6	Adult Learning	Define adult learning.	C2			Interactive Lecture/SGD	3	MCQ's	5
23		Learners Characteristics	Discuss adult learners characteristics with psychological, past experience, time, self and self-direction perspec-tives	C2						
24		Factors Influencing Learning	Identify the factors that influence learning.	C1						
25		Cognitive and Affective As- pects	Explain the cognitive and affective aspects and learning theories.	C2						
TOPIC: HEALTH EDUCATION/HEALTH PROMOTION										
26	Week-7	Basic Goals	Discuss the basic goals of health education.	C2			Interactive Lecture/SGD	3	MCQ's	5
27		Factors	Determine the factors influencing on health education.	C2						
28		Health Belief Model	Explain the health belief model.	C2						
29		Health Promotion Model	Explain health promotion model.	C4						

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
30	Week-8	Utilization	Relate and utilize health belief and health promotion models to cognitive and behaviorist theories.	C4			Interactive Lecture/SGD	3	MCQ's	5
31		Steps in Health Education	Discuss the steps in developing the health education programme.	C2						
32		Teaching Strategies	Utilize effectively a variety of teaching aids and creative application of teaching strategies.	C3						
33		Education Session	Plan patient and family education session.	C5						
TOPIC: NEEDS ASSESSMENT										
34	Week-9	Needs	Discuss needs and its types.	C2			Interactive Lecture/SGD	3	MCQ's	5
35		Learning Needs	Develop a framework to assess the learning needs, health problems, of a target group	C5						
36		Problems Analysis	Analyze the problems according to the priority.	C4						
TOPIC: WRITING OBJECTIVES										
37	Week-10	Objective	Define an objective.	C2			Interactive Lecture/SGD	3	MCQ's	5
38		Objective vs Outcome	Differentiate between an objective and learning outcome.	C4						
39		Examples	Enlist few examples of objectives.	C1						
40		Structure	Discuss the structure of writing an objective.	C2						
41	Week-11	Types	Discuss the different types of learning objectives.	C2			Interactive Lecture/SGD	3	MCQ's	5
42		Steps	Discuss the steps of writing a learning objective.	C2						
43		Bloom Taxonomy	Explain Bloom taxonomy.	C2						
44		Role	Discuss the role of bloom taxonomy in writing the learning objectives.	C2						

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: LESSON PLANNING										
45	Week-12	Lesson Planning	Discuss lesson planning.	C2			Interactive Lecture/SGD	3	MCQ's	5
46		Steps of Lesson Plan	Understand the steps of developing a lesson plan.	C2						
47		Purpose	Discuss the purpose of lesson planning.	C2						
48		Formats	Discuss standard and other different formats of lesson plan.	C2						
49		Lesson Plan Development	Develop a lesson plan with all its components.	C5						
50	Week-13	Presentation	Understand to present a lesson plan.	C2			Interactive Lecture/SGD	3	MCQ's	5
51		Strategies	Enlist the teaching strategies utilized in a teaching plan.	C1						
52		Small/Large Group Learning	Discuss small and large group learning strategies.	C2						
53		Teaching Strategies	Discuss lectures, role-play, journals, brainstorming, demonstrations and self-directed learning as teaching strate-gies.	C2						
54	Week-14	Teaching Methods	Discuss bed side teaching, simulation in labs and field trips as methods of instruction and teaching.	C2			Interactive Lecture/SGD	3	MCQ's	5
55		Co-Operative Learning	Discuss co-operative learning	C2						
56		Low Cost Materials	Understand the process of preparing low cost teaching materials.	C2						
57		Teaching Aids	Utilize different teaching aids knowing the advantage and disadvantage of their creative uses.	C3						
TOPIC: ASSESSMENT OF THE LEARNER AND LEARNING										
58	Week-15	Assessment	Define assessment.	C1			Interactive Lecture/SGD	3	MCQ's	5
59		Assessment Vs Evaluation	Differentiate between an assessment and evaluation.	C3						
60		Purpose and Importance	Discuss the purpose and importance of doing the assessment	C2						
61		Types of Assessment	Explain the different types of assessment.	C1						

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
62	Week-16	Assessment Methods	Discuss methods of doing assessment.	C2			Interactive Lecture/SGD	3	MCQ's	5
63		Learner and Learning	Explain assessment of the learner and learning.	C3						
64		Principles of Assessment	Discuss principles of assessment.							
65		Learning Domains Assessment	Discuss the domains of learning and its assessment.	C3						



NU304-ENGLISH-V 2(2-0)

This course will focus to enhance the critical and analytical reading skills of the learners. The subject also intends to foster the grammar skills of the students. Further the course would assist and improve the students' capacities for the summary writing, letter writing and presentation skills.

Cognitive Domain

By the end of this subject, students should be able to:

1. **Develop and enhance the learners' analytical reading skills, to cope with the rigors of academic reading.**
2. **Develop the ability to interpret, analyze and evaluate ideas and arguments.**
3. **Improve the language, sentence and grammar skills incorporated in studies and everyday life.**
4. **Identify ways to improve the summary writing techniques.**
5. **Enhance students' professional letter writing skills pertaining to letters to the editors**
6. **Develop communication and presentation skills.**

Affective Domain

By the end of this subject, students should be able to:

1. **Follow the specified norms of the IL, SGD teaching & learning.**
2. **Demonstrate the humbleness and use the socially acceptable language during academic and social interactions with human models, colleagues and teachers.**
3. **Demonstrate ethically competent decisions when confronted with an ethical, social or moral problem related to professional or personal life.**



TOS - NU304-ENGLISH-V 2(2-0)

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: CRITICAL AND ANALYTICAL READING										
1	Week-1	Texts	Understand and comprehend texts.	C2			Interactive Lecture/SGD	2	MCQ's	5
2		Main Ideas	Find the main ideas in a text.	C5						
3	Week-2	Point of View	Understand the writer's point of view.	C2			Interactive Lecture/SGD	2	MCQ's	5
4		Meaning from Texts	Interpret and infer meanings from texts.	C3						
5	Week-3	Different Texts Evaluation	Analyze and evaluate different texts.	C4			Interactive Lecture/SGD	2	MCQ's	5
6		Information Reflection	Relate and reflect information to own context.	C4						
TOPIC: CRITICAL THINKING SKILLS										
7	Week-4	Critical Thinking	Understand what is meant by critical thinking and how it can be improved.	C2			Interactive Lecture/SGD	2	MCQ's	5
8		Reasons and Conclusions	Determine reasons and conclusions: the reasons of reasoning.	C2						
9		Reasoning	Understand reasoning.	C2						
10	Week-5	Expressions and Ideas	Clarify and interpret expressions and ideas.	C3			Interactive Lecture/SGD	2	MCQ's	5
11		Acceptability of Reasons	Understand the acceptability of reasons.	C4						
12		Credibility of Sources	Judge the credibility of sources skillfully.	C5						
13		Inferences	Evaluate inferences.	C5						
TOPIC: GRAMMAR										
14	Week-6	Sentence Fragments	Identify and correct sentence fragments.	C2			Interactive Lecture/SGD	2	MCQ's	5
15		Run-on Sentences	Edit run-on sentences.	C2						

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
16	Week-7	Misplaced Modifiers	Use to correct misplaced modifiers.	C3			Interactive Lecture/SGD	2	MCQ's	5
17		Dangling Modifiers	Revise dangling modifiers.	C6						
18	Week-8	Faulty Parallelism	Check and examine faulty parallelism.	C4			Interactive Lecture/SGD	2	MCQ's	5
19		Subject Verb-Agreement	Practice subject verb-agreement.	C3						
20	Week-9	Grammatical Structures	Use the correct forms of grammatical structures in context.	C3			Interactive Lecture/SGD	2	MCQ's	5
21		Tenses	Review the tenses.	C6						
TOPIC: SUMMARY WRITING										
22	Week-10	Summary Writing	Understand the importance of summary writing.	C2			Interactive Lecture/SGD	2	MCQ's	5
23		Ideas and Themes	Identify main ideas and themes in writings.	C2						
24		Supporting Details	Indicate supporting details.	C2						
25	Week-11	Clustering Relevant Information	Select and cluster relevant information.	C2			Interactive Lecture/SGD	2	MCQ's	5
26		Summarization of Articles	Practice summarizing nursing and non-nursing articles.	C3						
TOPIC: LETTERS TO THE EDITOR										
27	Week-12	Format	Understand the format of writing a letter.	C2			Interactive Lecture/SGD	2	MCQ's	5
28		Structure	Discuss the components and structure of writing a letter.	C2						
29	Week-13	Appropriate Language	Understand and use the appropriate language.	C2			Interactive Lecture/SGD	2	MCQ's	5
30		Letters	Write letters to express their point of view on contemporary social issues.	C6						

S.No	Weeks	Content	Learning Outcomes	Domain			MIT's	Hours	Assesment	No of Items
				C	P	A				
TOPIC: PRESENTATION SKILLS										
31	Week-14	Elements of Presentation	Understand elements of a good presentation.	C2			Interactive Lecture/SGD	2	MCQ's	5
32		Presentation Organization	Explain to make well organized and clear presentation.	C2						
33	Week-15	Purpose	Comprehend to focus on the purpose of the presentation.	C2			Interactive Lecture/SGD	2	MCQ's	5
34		Audience	Understand the significance of the audience.	C2						
35		Accuracy	Develop clarity and accuracy in presenting information.	C6						
36	Week-16	Questions Handling	Practice to handle questions raised by the audience.	C2			Interactive Lecture/SGD	2	MCQ's	5
37		Effective Presentations	Make effective presentations.	C2						



Recommended Text Books

PAEDIATRIC HEALTH NURSING

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- <http://www.paho.org/english/ad/dpc/cd/leprosy.htm?Page=Prevention>
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- <http://content.nejm.org/cgi/content/full/341/11/815>
- http://www.health.state.ny.us/nysdoh/communicable_diseases/en/anthrax.htm
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- <http://www.cdc.gov/ncidod/sars/>
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- <http://jama.ama-assn.org/cgi/content/full/287/18/2391>
- <http://www.cidrap.umn.edu/cidrap/content/bt/vhf/biofacts/vhffactsheet.html>
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- <http://www.cdc.gov/ncidod/diseases/hepatitis/a/faq.htm>
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