

**UNIVERSITY OF MALAWI**  
**KAMUZU COLLEGE OF NURSING**

1. **COLLEGE** : Kamuzu College of Nursing
2. **FACULTY OF** : Nursing
3. **DEPARTMENT** : Medical Surgical Nursing
4. **PROGRAMME** : Bachelor of Science in Nursing (Post Basic)
5. **COURSE TITLE** : Paediatric Nursing
6. **COURSE CODE** : **NSG SC 605**
7. **LEVEL** : 6
8. **PRE-REQUISITES** : N/A
9. **CORE-REQUISITES** : N/A
10. **SEMESTER** : One
11. **PRESENTED TO** : Senate
12. **PRESENTED BY** : Faculty of Nursing
13. **NUMBER OF HOURS** : 165 hours

**14. COURSE DESCRIPTOR**

The course is designed to provide learners with opportunity to build on previous knowledge of pediatric nursing in order to comprehensively manage a well and sick child. This course emphasizes on learners' ability to effectively communicate with multidisciplinary team members, children and their family in the provision of child health nursing care.

## **15. AIM OF THE COURSE**

To provide learners with opportunity to acquire knowledge and critical thinking skills for promoting and maintaining health of well and sick children within a holistic framework

## **16. INTENDED LEARNING OUTCOMES**

At the completion of this course the learner shall be able to:

- a. Demonstrate understanding of trends and issues in child health nursing and the role of the nurse in providing care to children utilizing models and approaches that are relevant to child health care
- b. Describe the sociocultural and religious influences on the health of children in Malawi
- c. Explain the available child health services, current child health policies, guidelines and protocols in Malawi and how these impact on the health of children
- d. Explain the comprehensive assessment and management of well and sick children

## **17. METHOD OF ASSESSMENT**

<b>Continuous Assessment</b>	<b>40%</b>
Group presentation 1	10%
Group presentation 2	10%
Midterm examination	20%
<b>Summative Assessment</b>	<b>60%</b>

## **18. LEARNING /TEACHING APPROACHES**

- Inquiry Based Approach
- Group Discussions
- Class seminars
- Problem Based Learning
- Case Study

- Role Play
- Lecture discussion

## **19. COURSE CONTENT**

### **UNIT 1: Paediatric nursing overview**

- Introduction to paediatric nursing
- Roles of a paediatric health nurse
- Communicating with children and parents
- Stressors and reactions of hospitalization to the child and family

### **Unit 2: Relevant theories for paediatric nursing and models of care**

- Erick Erickson's theory of psychosocial development
- Piaget's theory of cognitive development
- Bowlby's attachment theory
- Family centred care
- Child centred care
- 7 + 1 model of child care

### **Unit 3: Trends and issues in Child Health**

- Social, Cultural and Religious Influences on Child health
- Ethical legal issues
- Research in children
- Climate change and child health
- Child Rights and protection
- Inter professional practice
- Evidence based practice in child health
- Vulnerability in children
  - Child trafficking
  - Child labour

- iii. The abused child
- iv. Homeless and Street children
- v. Orphans and vulnerable children
- vi. Disabled children
- vii. Child headed households

#### **Unit 4: Child health policies, guidelines and protocols**

- a. United Nations Convention on children's rights 1989
- b. Sustainable Development Goals
- c. African Children Charter
- d. Malawi Children Charter
- e. Reproductive health policies for adolescents
- f. Early Childhood Development (ECD)
- g. Orphans and Vulnerable Children (OVC)

#### **National child health guidelines and protocols**

- Integrated Management of Childhood Illness (IMCI)
- Acute Respiratory Infections (ARI)
- Malaria
- Prevention of Mother To Child Transmission of HIV
- Antiretroviral Therapy (ART)
- Essential Health Care Package (EHP)

#### **Unit 5: Child health services/programmes in Malawi**

- a. Acute Respiratory Infections (ARI) Program
- b. Nutritional Rehabilitation Programme
  - i. Outpatient therapeutic program (OTP)
  - ii. Supplementary Feeding Programme (SFP)
- c. Early childhood development
- d. Adolescent Health

- e. Emergency Triage Assessment and Treatment (ETAT)
- f. Continuous Positive Airway Pressure (CPAP)
- g. Integrated Management of Childhood Illness
- h. School Health Programme
- i. Expanded Program on Immunisations (EPI)
- j. PMCT, Early infant diagnoses, child ART

## **UNIT 6: Physical assessment of the well child**

### **Assessment of an infant and the older child**

- a. Growth monitoring
- b. Developmental assessment
- c. Immunisations
- d. Nutritional assessment
- e. Physical assessment
- f. Neurological assessment

## **UNIT 7: Care of the newborn**

- a. Importance of immediate newborn care
- b. Principles of new born care (essential new born care, Kangaroo Mother Care)
- c. Approach to new born assessment
  - History (Maternal and newborn)
  - Observations from birth
  - Systematic examination

### **Neonatal conditions**

- a. Care of the sick the newborn and family
- b. Asphyxia
- c. Sepsis
- d. Prematurity
- e. Respiratory Distress Syndrome

## **UNIT 8: Nursing Management of children with common conditions**

- a. Pain assessment and management
- b. Fluid management

### **Conditions**

- Pneumonia
- Asthma
- Bronchiolitis
- Tuberculosis
- Malaria
- Anaemia
- Sickle cell anaemia
- Congenital heart disease
- Nephrotic syndrome
- Renal failure
- Glomerulonephritis
- Gastroenteritis
- Severe acute malnutrition
- Cleft lip and palate
- Meningitis
- Head injury
- hydrocephalus,
- spina bifida
- Burns
- HIV and AIDS
- Cancer
- Fractures
- Osteomyelitis
- Septic arthritis
- Diabetes

## REFERENCES

### Prescribed Books

- Ball, J., & Bindler, R.M. (2006). *Clinical handbook for paediatric nursing*. Upper Saddle River, N.J.: Pearson Prentice Hall.
- Davies, N.J. (2000). *Chiropractic pediatrics: A clinical handbook*. Edinburgh: Churchill Livingstone.
- Hockenberry, M.J., Wilson, D., & Hockenberry, M.J. (2009). *Clinical companion for Wong's essentials of pediatric nursing*. St. Louis, Mo: Mosby/Elsevier.
- Mackway-Jones, K. (2005). *Advanced paediatric life support: the practical approach*. (4<sup>th</sup> ed). Malden, Mass: Blackwell.

### Recommended Books

- Ball, J., & Bindler, R.M. (2008). *Pediatric nursing: caring for children*. Upper Saddle River, N.J.: Pearson/Prentice Hall.
- Barrett, T.G., Lander, A.D., & Diwakar, V. (2003). *A paediatric vade-mecum*. (14<sup>th</sup> Ed). London: Arnold.
- Cade, A., Tinklin, T., & Hodge, D. (2001). *An aid to the paediatric MRCPCH Viva*. (2<sup>nd</sup> Ed). New York: Churchill Livingstone.
- Delmar. (2006). *Pediatric nursing: caring for children and their families (2nd Ed.) and the pediatric nurse's survival guide, 3e*. Delmar Pub.
- Evidence-Based Pediatric Infectious Diseases. (2009). *Journal of paediatrics and child health*. 45 (1-2), 75-76.

Handbook on Paediatric AIDS in Africa. *African network for the care of children affected by AIDS*. Kampala, Uganda:

Hay, W. W. (2009). *Current diagnosis & treatment pediatrics*. McGraw-Hill's Access Medicine. New York: Lange Medical Books/McGraw-Hill, Medical Pub. Division. <http://www.accessmedicine.com>.

Hockenberry, M.J., & Wilson, D. (2009). *Wong's essentials of pediatric nursing*. (8<sup>th</sup> Ed). St. Louis, MO: Mosby Elsevier.

Hockenberry, M. J., Wilson, D., & Hockenberry, M.J. (2009). *Clinical companion for Wong's essentials of pediatric nursing*. St. Louis, Mo: Mosby/Elsevier.

Millett, D. T., & Welbury, R. (2000). *Orthodontics and paediatric dentistry*. Colour guide. Edinburgh: Churchill Livingstone.

Nadel, S. (2008). *Infectious diseases in the pediatric intensive care unit*. London: Springer.

Park, M. K. (2003). *The pediatric cardiology handbook*. St. Louis, Mo: Mosby.

Pearson, G. A. (2002). *Handbook of paediatric intensive care*. London: W.B. Saunders.

Potts, Nicki L., & Mandleco, Barbara L. (2006). *Pediatric Nursing Caring for Children and Their Families, Student Edition*. Delmar Pub.

Tindyebwa, D. (2004). *African network for the care of children affected by AIDS*.

Wong, D.L. (2001). *Study guide to accompany Wong's essentials of pediatric nursing*. (7<sup>th</sup> ed). St. Louis: Elsevier Mosby.



Wong, D.L., Hockenberry, M.J., Wilson, D., & Winkelstein, M.L. (2005). *Wong's essentials of pediatric nursing*. St. Louis, Mo: Elsevier Mosby.

## **SUPPORTING RESOURCES**

IT – Internet

Mentors

Faculty Members

Library

Journals

## **APPENDICES**

### **APPENDIX A: Child health theories**

1. Introduction and background information to the theory/model
2. Concepts used related to the theory/model
3. Application of theory/model to child health care.
4. Analysis of application of theory/model (impact, strengths, gaps, opportunities)

## **APPENDIX B**

### **Child Health Issues**

- a) Background to the subject
- a) Introduction to subject and background information
- b) Relevant statistics of subject
- c) Relevant research done (Global, Regional, National)
- d) Policies and/or protocols used (International and National)
- e) Causes and risk factors
- f) Management strategy of given condition (programmes implemented)
- g) Outcome of implementation and complications
- h) Analysis of impact of management provided (strengths, gaps, opportunities)
- i) Recommendations for improvement

## **APPENDIX C: Guidelines for child health services/ programs**

1. Each group of students will be assigned a child health service / programme.
2. Visit the assigned child health services/ programme(s) and search for information and give a presentation during assigned class sessions.
3. Search for detailed information on the assigned topic under the areas given below:
  - a. Introduction and background information
  - b. Relevant statistics of subject
  - c. Relevant research done
  - d. Policies and/or protocols used (international and national)
  - e. Assessment of the programme and programme plan.
  - f. Management of the programme (interventions, implementation, coverage)
  - g. Outcome of implementation
  - h. Analysis of impact of program management (strengths, gaps, opportunities)
  - i. Recommendations for improvement

### **Note**

1. Presentations will be done in class.
2. Presentations to be in power point
3. Each presentation should take 1 hour (30 minutes presentation and discussion 30 minutes)
4. Distribute the presentation to all students and lecturers through email two days before the day of presentation.
5. A total of 5 marks will be deducted for late submission.

## **APPENDIX D**

### **APPENDIX E: Guidelines for conditions**

- a. Definition of the condition
- b. Epidemiology
- c. Pathophysiology
- d. Clinical manifestations
- e. Diagnostic investigations
- f. Medical management
- g. Nursing management – include nursing diagnoses
- h. Complications
- i. Health education