
Course Specification

Course Title	Pediatric Medicine and Surgery	
Course Code	ASW/NUR. 322	
Academic Year	Third year	
Coordinator		
Teaching Staff	Pediatric Medicine staff	
Branch / Level	Third	
Semester	First semester	
Pre-Requisite		
Course Delivery	Lecture	30 h lectures
	Practical	-----practical
Parent Department	Pediatric Medicine department	
Date of Approval		

1. Course Aims

The aims of this course are to:

This course aims at equip students with knowledge, skills and attitudes regarding to children with medical and surgical problems and its management at different age group.

Intended Learning outcomes (ILOs)

A. Knowledge and understanding:

By the end of this course students should be able to:

- A.1. Identify the common pediatric health problems both medically and surgically
- A.2. Identify common and life threatening congenital anomalies affecting newborn infants
- A.3. Describe causes, clinical manifestations and diagnosis of common and life threatening health problems affecting children in different age groups.
- A.4. Identify principles of medical and surgical management of common and life threatening health problems affecting children in different age groups.

A.5. Identify level of prevention for pediatric health problems affecting children in different age groups.

B. Intellectual skills:

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

- B.1. Formulates medical and surgical diagnosis for management of common pediatric medical and surgical problems.
- B.2. States the causes and appearance of infectious diseases of children
- B.3. Formulates individualized medical management based on child's need assessment taking into account the context of holistic care.
- B.4. Uses reasoning knowledge in prioritizing medical and surgical management of children.
- B.5. Correlate evidence based research related to medical and surgical health problems of children

C. Professional and practical skills:

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

- C.1. Use assessment techniques to identify medical and surgical health problems and needs for children from birth to adolescent.

D. General and transferable skills:

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

- D1. Uses interpersonal communication skills with children and their families.
- D.2. Utilize information technology resources in collecting knowledge related to the course

3. Course Contents

Week	Topics
1 st week	- Pediatric Medicine
2 nd week	–Nervous System Disorders
3 rd week	–Renal Disorders
4 th week	–Nutritional disorders
5 th week	–Endocrine Disorders
6 th week	–Cardiovascular Disorders

7 th week	–Hematology & oncology
8 th week	II- Pediatric Surgery
9 th week	Congenital anomalies of the neonate
10 th week	- Pediatric Medicine
11 th week	–Nervous System Disorders
12 th week	–Renal Disorders
13 th week	–Nutritional disorders

4. Teaching and Learning Methods

Lecture
Group discussion
Assignment

5. Student Assessment

Assessment Method	Assessment Length	Schedule	Proportion
Written Examination		15 th week	100%

6. List of references

Course notes:

Hand out

Essential Books:

Behrman, R., Richard, E., Robert, M., Klingman, D.(2004) : Nelson textbook of pediatrics, 17th ed., W.B Saunders Company, London.

Roberton, N.R.{ 2003} : A Manual of neonatal intensive care , 6th ed., Edward Arnold.

Dworkin, H.P. {2005}: Pediatrics, 6th ed., Lippincott Williams and Wilkins, London.

Muscani, E.M. {2002}: Lippincott's Review Series, Pediatric Nursing, 3rd ed., Lippincott Williams and Wilkins, New York.

Alters, S. and Schiff, W. {2001} : Essential concepts for healthy living, 2nd ed., Jones and Bartlett publishers, Toronto.

Web sites:

<http://www.molecularpathology.org.uk/>

7. Facilities required for teaching and learning

	Course Coordinator	Head of Department
Name	Prof.	Prof.
Name (Arabic)		أ.د. محسن عبد الستار
Signature		
Date		
