



**University of Thi-Qar**  
**College of Nursing**  
**Undergraduate Program**  
**Infant, Child and Adolescent's health**

**1. Course Title: Infant, Child and Adolescents health**

**2. Course Number: (307)**

**3. Credit Hours:** Total (6) credits:  
Theory (1) credits  
Lab. (2) credits  
Clinical (3) credits

**4. Course Calendar:** Total : (14) hours weekly of (15) weeks:  
Theory (3) hrs.  
Lab. (2) hrs.  
Clinical (6) hrs.

**5. Placement:** Third Years / second semester

**6. Course Description:** This course is designed to assist the 3<sup>rd</sup> year students to acquire the basic knowledge, concepts and understanding of the health problems associated with stages of growth and development (age-related concerns) and provides the opportunity to the students to deal with normal and sick child and adolescent.

**7- Course Goals:**

- 1- Identify the basic child's needs (age related needs and concerns).
- 2- Assess the child and adolescent physically.
- 3- Outline the communication techniques to deal with child & adolescent.
- 4- Discuss the types of accidents according to the stages of growth and development.
- 5- Provide traumatic care for hospitalized child and adolescent.
- 6- Identify the high risk infants and figure out their physical and physiological problems.
- 7- Discuss nutritional assessment & figure out the child's and adolescent with nutritional problems.
- 8- Utilize the nursing process to deal with child's health problems.
- 9- Emphasis on preventive aspects of care to promote health for children and adolescents.
- 10- Implement nursing care for children with:
  - 10.1. Respiratory diseases
  - 10.2. Gastrointestinal diseases
- 11- Demonstrate pediatric nursing procedures related to:
  - 11.1. Restraining
  - 11.2. Blood withdrawal
  - 11.3. CSF

- 11.4. Setting IV Fluid
- 11.5. Giving I.M injection

- 12- Analyze critically the condition of the child and adolescent with blood diseases.
- 13- Applied scientific approach during practice of nursing care with children and adolescents.
- 14- Identify the needs of children and adolescent with special needs (Handicapped children).

## **8- Course Outline**

### **Part I: Historical perspective of nursing care of children at different civilization and religions.**

- 1.1. nursing care of children and adolescents
- 1.2. Child's physical health assessment and developmental assessment.

### **Part II: Principles of children's needs:**

- 2.1. Immunization.
- 2.2. Nutritional needs throughout stages.
- 2.3. Play and playing throughout stages of growth & development.
- 2.4. Accidents, injuries and its prevention
- 2.5. Birth injuries

### **Part III: Nursing care of the newborn baby.**

- 3.1. Nursing care of the newborn baby
- 3.2. Health problems of the newborn baby.
- 3.3. Nursing care of newborn baby with common problems
- 3.4. High risk related to prematurely & post maturity.

### **Part IV: Nursing care of high risk newborn baby**

- 4.1. High risk related to physiological disorders of the newborn.
- 4.2. Impact of high risk babies upon their Families.
- 4.3. High risk related to neurological disorders.

### **Part V: Nursing care of children and adolescents with health problems:**

The child with nutritional disturbance:

- 5.1. Protein and energy malnutrition.
- 5.2. Kwashiorkor.
- 5.3. Marasmus.
- 5.4. Obesity.
- 5.5. Feeding difficulties.
- 5.6. Nutritional counseling

## **Part VI: Midterm Exam**

### **Part VII: The child with urological problems**

- 7.1. Nephritis and Nephritic syndrome.
- 7.2. Urinary tract infection.
- 7.3. William's tumor

### **Part VIII: The child with health problems related to the blood and its production The nursing care of:**

- 8.1. Leukemia.
- 8.2. Hemophilia.
- 8.3. Thalassemia.
- 8.4. Sickle-cell anemia

### **Part IX: The child with health problems interfere with respiration and transfer of oxygen ,the nursing care of:**

- 9.1. Asthma.
- 9.2. Bronchitis.
- 9.3. Pneumonia.
- 9.4. Cold.
- 9.5. Inhalation of foreign body.

### **Part X: The child with health problems of cardio vascular problem:**

- 10.1. Nursing care of children with congenital heart disease.
- 10.2. Nursing care of children with congestive heart failure.

## **Part XI: Midterm Exam**

### **Part XII: Nursing care of children with surgical cases:**

- 12.1. Intestinal obstruction.
- 12.2. Intussusceptions
- 12.3. Pyloric stenosis.
- 12.4. Cleft lip and cleft- palate.
- 12.5. Imperforated anus

### **Part XIII: Nursing care of children & adolescent with chronic diseases**

- 13.1. Chronic illnesses.
- 13.2. Cerebral palsy.
- 13.3. Special needs.

### **Part X IV: Emotional, Psychosocial consideration of the child, adolescent and the family:**

- 14.1. Impact of chronic illness.
- 14.2. Family centered home care.
- 14.3. The nurse and the family of fatally ill child and adolescent.

**Part XV: The child with gastroenteritis:**

- 15.1. Diarrhea.
- 15.2. Dehydration.
- 15.3. Vomiting.
- 15.4. Fluid and electrolytes disturbance

**Part XVI: The child with health problem of endocrine alteration**

- 16.1. Nursing care of children with diabetes
- 16.2. The child with communicable diseases: