



Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Pediatric & Neonatal Nursing (Theory)
Course number	NURS3315
Faculty	
Department	
Course type	Major Needs
Course level	3
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - • Utilize the nursing process and developmental theories to provide holistic care for children from infancy to adolescence and to their families.
- 2 - • Identify biopsychosocial problem in order to develop recommendation, management and follow-up to help clients to reach optimal level of wellness.
- 3 - • Define and describe a specific pediatric condition with emphasis on etiology, clinical manifestations, expected course, treatment, and issues or problems associated with such conditions.
- 4 - • Explain the condition, issues or problems of children based on the literature or clinical experiences.
- 5 - • Emphasize the physical, psycho-social or behavioral manifestations that are associated with a specific condition or problem.
- 6 - • Uses synthesis of knowledge, problem solving and critical thinking abilities in care of children.
- 7 - • Discuss knowledge and prevention strategies according to developmental characteristics of the child such as accidents, nutrition, immunization, and safety measures.
- 8 - • Identify appropriate nursing activities in support and teaching for parents of children with different health problems.
- 9 - • Utilize the research process in developing projects relevant to nursing care of children.

Intended Learning Outcomes

Knowledge and Understanding	* • Define basic concepts related to growth and development. * • Identify role of pediatric nurse regarding well and ill children. * • Describe children playing in different stages of life. * • List measures for health preventions and health maintenance of infants and children. * • Describe different health problems related to neonates, infants, and children at different pediatric settings.
Intellectual Skills	* • Integrate knowledge of primary health care initiatives in providing nursing care to children and adolescents. * • Optimize the role of the child health nurse in providing care for children, adolescent, and their families. * • Analyze common children health problems using nursing process and preventive management as a model of care.
Professional Skills	* • Demonstrate ability to understand the basic concepts in caring for children and their families. * • Create a plan to solve health problems of children and their families using critical thinking skills the ability to for children with different age group.
General Skill	* • Explain the health needs of children with common health problems from birth to adolescent. * • Synthesize a nursing process for children, adolescent, and their families.

Course Contents

- 1 - Introduction to course. - Presentation of semester plan, course objectives - Teachers expectation, assessment of students expectations. - History taking and physical examination.
- 2 - Respiratory system disorders - acute respiratory infections (general aspect) - acute upper respiratory infections - lower airway infections
- 3 - Gastrointestinal dysfunction - cleft lip and palate - esophageal atresia with tracheoesophageal fistula - gastroesophageal reflux - hypertrophic pyloric stenosis - hirschsprung disease - intussusception - imperforated anus - celiac disease - gastroenteritis - FTT
- 4 - Cardiovascular disorders - congenital heart diseases - congestive heart failure - rheumatic fever
- 5 - Neurologic disorder - cerebral palsy - hydrocephalus - spina bifida - meningitis - encephalitis - convulsions - raye syndrome
- 6 - Urinary tract disorder - acute glomerulonephritis - nephrotic syndrome - acute and chronic renal failure - dialysis - congenital abnormalities (hypospadias, epispadius, and undescended testicle)
- 7 - Hematologic disorder - anemia - iron deficiency anemia - thalassemia - sickle cell anemia - hemophilia - idiopathic thrombocytopenic purpura
- 8 - Midterm Exam
- 9 - Metabolic and endocrine disorder - diabetes insipidus - hypothyroidism - rickets - diabetes mellitus
- 10 - Orthopedic disorder - developmental dysplasia of the hip - congenital clubfoot (taipes equinovarus) - legg calve' perthes
- 11 - Infectious diseases and Immunization
- 12 - Poisoning (organophosphorous compound, acamol, food, caustics, hydrocarbons)
- 13 - High-Risk Newborn - Low-birth weight infant - Very low birth weight infant - Small for gestational age infant - Intrauterine growth retardation - Large for gestational age infant - Premature infant (preterm) - Post mature infant (post term) - Hyperbilirubinemia - Respiratory distress syndrome - Infant of diabetic mothers
- 14 - Inborn error of metabolism - Phenylketonuria - Galactosemia The most common birth injuries - Head trauma (caput succedaneum, cephalohematoma) - Fractures - paralysis
- 15 - Nursing care of the high risk and family - General nursing management and care - Supportive care of high risk infant and their families - Facilitate parental participation in the care of the baby - Follow up visits of high risk babies and home environment
- 16 - Final Exam

Teaching and Learning Methods

- 1 - • Interactive lectures.
- 2 - • Group discussion
- 3 - • Role-play
- 4 - • Data show presentation well be used.

Teaching and Learning Methods for the Disabled Students

- 1 - • Computer Assisted Instruction
- 2 - • Multimedia activities & Audio visuals
- 3 - Interactive educational activities

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
First mid-term exam	All, as related to topics 1-7	20%
Second mid-term exam	All, as related to topics 8-12	20%
Attendance and discussion		5%
Homework and project reports		5%
Final Written Exams	All, as related to all topics	50%

Books and References

Course note	Available at the University's library.
Essential books	<ul style="list-style-type: none">• Nettina, Sandra M. (2010). Lippincott Manual of Nursing Practice, 9th. ed.• Pillitteri, A. (2014). Maternal and child Health: Care of the growing family, 7nd.ed. NewYork: Lippincott Williams & Wilkins.
Recommended books	<ul style="list-style-type: none">• Wong. D & Hockenberry - Eaton M. (2013). Wongs Essentials of Pediatric Nursing, 9th ed. St Louis: Mosby Co.• Speer, Kathleen Morgan Pediatric Care Planning Springhouse. 5th ed.• Essentials of Pediatric Nursing. 6th ed. St. Louis: Mosby Co. 2001.• Potts N.L. & Mandlco B.L. (2002). Pediatric Nursing: Caring for Children and Their Families
Other References (Periodical, web sites, etc.)	<ul style="list-style-type: none">• http://www.nlm.nih.gov/medlineplus/wilmstumor.html.• http://www.google.com/search?hl=ar&ie=UTF8&q=nursing+care+of+children&btnG=%D8%A8%D8%AD%D8%AB+Google&lr.