



Jordan University of Science and Technology
Faculty of Nursing
Nursing Department

NUR352 Child Health Nursing (Theory)

Second Semester 2022-2023

Course Catalog

3 Credit Hours. The purpose of this course is to introduce the students to appropriate scientific knowledge which enables them to develop their own unique clinical and educational approach to care of children and their families. The course moves from simple to complex issues; starting with concepts of normal growth and development, health promotion and maintenance, and the prevention of illnesses and accidents and then to selected health problems (chronic and common health problems, and communicable diseases). This is achieved through utilizing the nursing process, developmental theories, new trends and the latest approaches in the management and caring of children. The course encourages students to utilize knowledge synthesis, problem solving techniques, critical thinking, and family centered approached in the provision of empowered care.

Text Book

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| Title | Maternal- Child Nursing |
| Author(s) | McKinney Emily, James Susan, Murray Sharon, and Ashwill Jean |
| Edition | 6th Edition |
| Short Name | McKinney et al. |
| Other Information | 2023 |

Instructor

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| Name | Dr. Reem Ali |
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| Email | raali@just.edu.jo |

Instructor

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| Name | Dr. ABED ALLAH KASEM |
| Office Location | - |

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| Office Hours | Sun : 11:00 - 13:00 Mon : 11:00 - 13:00 Wed : 13:00 - 14:00 Thu : 09:00 - 11:00 |
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| Class Schedule & Room | |
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| Section 1: | Lecture Time: Mon, Wed : 08:30 - 10:00 Room: SF06 |
| Section 2: | Lecture Time: Mon, Wed : 08:30 - 10:00 Room: N4203 |
| Section 3: | Lecture Time: Sun, Tue : 08:30 - 10:00 Room: N1303 |

| Prerequisites | | |
|---------------|--|---------------------|
| Line Number | Course Name | Prerequisite Type |
| 102550 | MED255 Pharmacology | Prerequisite / Pass |
| 402270 | NUR227 Adult Health Nursing 2 (Theory) | Prerequisite / Pass |
| 402520 | NUR252 Growth And Development | Prerequisite / Pass |

| Tentative List of Topics Covered | | |
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| Weeks | Topic | References |
| Week 1 | orientation to course syllabus | |
| Week 2 | Introduction to paediatric nursing: Paediatric nursing ,Family-centred care approach , Children responses to hospitalisation , Communication with children , Common concerns/ health problems during different age groups , Common responses of children during hospitalization and suggested solution | |
| Week 3 | Homeostatic, mechanisms and responses:-Fluid imbalances: ? Body fluids: ? Distribution of body fluids, mechanisms of fluid movements, functioning of body fluids. ? Fluid loss, fluid requirements, factors affecting fluid balance. ? Fluid imbalance: diarrhoea, dehydration and over-hydration | |
| Week 4 | nursing care of children with respiratory function | |
| Week 5 | nursing care of children with altered cardiovascular function: assessment, common congenital heart defects | |

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| Week 6 | Nursing care of children with altered haematological function: ? Assessment of haematological system in children. ? Anemias caused by nutritional deficiencies: Iron deficiency anaemia ? Anemias caused by increased destruction of RBC: ? Sickle Cell Anemia ? Thalassemia ? Defects in hemostasis ? Hemophilia ? Idiopathic thrombocytopenic purpura (ITP) ? Glucose-6-phosphate dehydrogenase G6PD ? Leukemia | |
| Week 7 | Nursing care of children with altered genitourinary function: ? Assessment of genitourinary system in children ? Urinary tract infection ? Vesicoureteral Reflux (VUR) ? Cryptorchidism/ Undescended testes ? Acute Glomerulonephritis (AGN)/ Nephritic syndrome Nephrotic Syndrome | |
| Week 8 | Nursing care of children with altered gastrointestinal function: ? Assessment of GI system in children. ? GI alterations: Anomalies and Obstructions. ? Cleft lip & Cleft palate ? Pyloric stenosis ? Intussusception ? Hirschsprung's disease ? Mal-absorption Alterations ? Celiac disease. Gastroesophageal Reflux (Chalasia | |
| Weeks 7, 9 | Nursing care of children with altered musculoskeletal function: ? Assessment of musculoskeletal system in children ? Scoliosis ? Dysplasia of the Hip ? Talipes Equinovarus/ club foot Cerebral Palsy | |
| Week 10 | Nursing care of children with altered neurological function: ? Assessment of neurological function in children ? Meningitis ? Spina Bifida: spina bifida occulta, meningocele, meningomyelocele ? Hydrocephalus Seizure disorders; Epilepsy & Febrile seizure | |
| Week 11 | Nursing care of children with altered endocrine function: ? Assessment of endocrine function in children ? Congenital hypothyroidism (CH) ? Diabetes Mellitus (DM) | |
| Week 12 | course review and wrap up | |
| Week 12 | course review and wrap up | |

| Mapping of Course Outcomes to Program Student Outcomes | Course Outcome Weight (Out of 100%) | Assessment method |
|--|--|--------------------------------|
| Integrate the basic concepts of child health care & the developmental theories in caring for pediatric patients & childbearing families. [1NUR-1, 1COMP-1] | 10% | first exam, second exam, final |
| Demonstrate evidence-based practice by presenting real cases & diseases from the clinical settings through class discussion [1NUR-1, 1COMP-1, 1COMP-2, 1COMP-3] | 10% | first exam, second exam, final |
| Discuss associated health risk problems & deviation of health through the synthesis of knowledge, problem-solving techniques, critical thinking, & a family-centered approach in the provision of empowered care [1NUR- 5, 1COMP-3, 1COMP-4, 1COMP-5] | 10% | first exam, second exam, final |
| Demonstrate responsibility & accountability for beginning mastery of professional nursing performance through the quality of care, application of the nursing process, education & communication [1NUR- 2, 1COMP-1, 1COMP-3, 1COMP-4, 1COMP-6] | 10% | first exam, second exam, final |
| Prepare a health teaching plan for preschool, school age, & adolescent & integrate strategies for health promotion as well as disease & injury prevention when providing care for clients & their families. [1NUR-1, 1COMP-1, 1COMP-2, 1COMP-4, 1COMP-5] | 10% | first exam, second exam, final |

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| Integrate evidence-based knowledge from nursing, medicine, & other sciences to meet the health needs of pediatric patients & their families. [1NUR-1, 1COMP-1, 1COMP-4] | 10% | first exam, second exam, final |
| Discuss pediatric patients' health alteration problems (chronic & common health problems, & communicable diseases) & its pharmacological aspects [1NUR-1, 1COMP-1, 1COMP-4] | 40% | |

| Relationship to Program Student Outcomes (Out of 100%) | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| NUR-1 | NUR-2 | NUR-3 | NUR-4 | NUR-5 | NUR-6 | COMP-1 | COMP-2 | COMP-3 | COMP-4 | COMP-5 | COMP-6 |
| 26.17 | 2 | | | 2.5 | | 28.17 | 4.5 | 7 | 23.17 | 4.5 | 2 |

| Evaluation | |
|-----------------|--------|
| Assessment Tool | Weight |
| first exam | 30% |
| second exam | 30% |
| final | 40% |

| Policy | |
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| additional notes | <p>Exams All exams are closed book and notes. The final exam is comprehensive (covers all the material). Incomplete exams need approval from the instructor and the dean of the Faculty of Nursing Cheating Prohibited; and in case of cheating the student will be subject to JUST regulations (could be accessed through this link http://www.just.edu.jo/aboutjust/RegulationsTemp/40%201%20الطبية%20تأديب%20نظام.pdf)</p> <p>Attendance The instructor will keep track of attendance according to JUST regulations. In case of exceeding the permitted percentage of absenteeism (20%), the student will be dismissed from the course.</p> <p>Participation The instructor will serve as a facilitator of learning in the classroom and through posting various assignments on E-Learning. This approach is expected to facilitate successful achievement of the SLO's and course objectives. In the classroom, the instructor will implement different methods to encourage in-class participation.</p> <p>Laboratory Please refer to the course syllabus for details regarding the simulation lab schedule.</p> <p>Withdraw Should any student decides to withdraw from the class, s/he should refer to the university calendar for due date regarding the last date to withdraw.</p> |

Date Printed: 2023-04-11