



## Course Specifications

<b>Course Title:</b>	<b>Pediatric Nursing</b>
<b>Course Code:</b>	56043310-5
<b>Program:</b>	<b>Bachelor degree of Nursing- Nursing program.</b>
<b>Department:</b>	<b>Nursing Practices Department</b>
<b>College:</b>	Faculty of Nursing
<b>Institution:</b>	<b>Umm Al-Qura University</b>

## **Table of Contents**

<b>A. Course Identification.....</b>	<b>3</b>
6. Mode of Instruction (mark all that apply) .....	3
<b>B. Course Objectives and Learning Outcomes.....</b>	<b>3</b>
1. Course Description .....	3
2. Course Main Objective.....	3
3. Course Learning Outcomes .....	4
<b>C. Course Content .....</b>	<b>5</b>
<b>D. Teaching and Assessment .....</b>	<b>6</b>
1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods .....	6
2. Assessment Tasks for Students .....	8
<b>E. Student Academic Counseling and Support .....</b>	<b>9</b>
<b>F. Learning Resources and Facilities.....</b>	<b>9</b>
1.Learning Resources .....	9
2. Facilities Required.....	9
<b>G. Course Quality Evaluation .....</b>	<b>10</b>
<b>H. Specification Approval Data .....</b>	<b>10</b>

## A. Course Identification

<b>1. Credit hours:</b> 5
<b>2. Course type</b> a. University <input type="checkbox"/> College <input checked="" type="checkbox"/> Department <input type="checkbox"/> Others <input type="checkbox"/> b. Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>
<b>3. Level/year at which this course is offered:</b> third year / second semester
<b>4. Pre-requisites for this course (if any):</b> 1-Human Anatomy for Nursing 2-Human Physiology for Nursing.
<b>5. Co-requisites for this course (if any):</b>

## 6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom		
2	Blended	30	40%
3	E-learning		
4	Distance learning		
5	Other ( clinical teaching)	75	60%

## 7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	30
2	Laboratory/Studio	36
3	Tutorial	
4	Others (specify) clinical teaching in clinical area	54 hrs
	Total	120

## B. Course Objectives and Learning Outcomes

### 1. Course Description:

This course provides knowledge, skills, and attitude essential for the students to achieve competent nursing management of the well & ill child. It emphasizes on nursing care modalities that fulfills health promotion needs. It enables the students to utilize problem solving techniques, critical thinking, evidence-based nursing and family centered approached in the provision of care for children and their families.

### 2. Course Main Objective:

What is the main purpose for this course?

At the end of this course the student will be able to acquire essential knowledge, skills, and attitude needed to provide comprehensive nursing care for children and their families during health and illness using nursing process, critical thinking as well as evidence-based nursing.

### 3. Course Learning Outcomes

CLOs		Aligned PLOs
<b>1</b>	<b>Knowledge and Understanding</b>	
1.1	Discuss the perspectives of pediatric nursing as health promotion, family centered care and Qualities & role of pediatric nurse.	K1
1.2	Describe the common illnesses in pediatric Nursing.	K2
1.3	State the components of health promotion in all stages of childhood.	K3
1.4	Identify the most common pediatric emergencies	K4
1.5	Discuss nursing interventions for the common health problems in all body systems	K5
<b>2</b>	<b>Skills :</b>	
2.1	Apply the plan of care for minor problems in newborn & high-risk neonates	S1
2.2	Perform different methods of feeding for children.	S2
2.3	Apply medications administration for children.	S4
2.4	Perform the essential nursing intervention for pediatric emergencies.	S4
2.5	Apply nursing interventions for common health problems and congenital anomalies for children.	S5
2.6	Demonstrate the nursing skills for hospitalized children with body systems disorders.	S6
2.7	Communicate effectively with health team and use technology in communication skill with others	S8
<b>3</b>	<b>Values:</b>	
3.1	Utilize critical thinking approach or skills during planning of care for children with their families	V2
3.2	Maintain cross cultural sensitivity across all the nursing procedures	V3
3.3	<p>Achieve standards of ethics and high quality of children care in performing the following nursing skills procedures at different pediatric areas as :</p> <ul style="list-style-type: none"> <li>• Pediatric emergency</li> <li>• PICU</li> <li>• NICU</li> <li>• Pediatric Nursery</li> <li>• Medical and surgical department</li> <li>• Intermediate care unit</li> </ul> <p>Pediatric procedures skills as</p> <p>Assessment of gestational age</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Growth measurement (weight, height, length, head and chest circumferences)</li> <li><input type="checkbox"/> Physiological measurement</li> <li><input type="checkbox"/> Formula feeding.</li> <li><input type="checkbox"/> Gavage feeding.</li> <li><input type="checkbox"/> Routine baby care(cord care, eye care, diaper care).</li> <li><input type="checkbox"/> Nebulizer care.</li> <li><input type="checkbox"/> Care for infant under phototherapy</li> <li><input type="checkbox"/> Chest physiotherapy.</li> <li><input type="checkbox"/> Oxygen therapy.</li> <li><input type="checkbox"/> Restraining.</li> <li><input type="checkbox"/> Gastrostomy care and feeding.</li> <li><input type="checkbox"/> Preparation of I.V. therapy.</li> <li><input type="checkbox"/> Drugs administration</li> </ul>	V3

## C. Course Content

No	List of Topics	Contact Hours
1	<b><u>Unit 1</u></b> <b><u>Introduction</u></b> <ul style="list-style-type: none"> <li>• Introduction to the course.</li> <li>• Patient safety</li> </ul> Quality and accreditation	2
2	<ul style="list-style-type: none"> <li>▪ Perspective of Pediatric Nursing.</li> </ul> <b><u>Unit 2</u></b> <b><u>1.The newborn:</u></b> Minor problems in newborn.	2
3	<b><u>Unit 3</u></b> <b><u>High Risk Neonates:</u></b> <ul style="list-style-type: none"> <li>▪ Premature infants</li> <li>▪ <b>Problems of high risk neonates:</b> <ul style="list-style-type: none"> <li>- Necrotizing enterocolitis (NEC).</li> </ul> </li> </ul>	2
4	<b><u>High Risk Neonates (cont.):</u></b> <ul style="list-style-type: none"> <li>▪ Problems of high risk neonates: <ul style="list-style-type: none"> <li>- Neonatal sepsis (NS).</li> <li>- Respiratory distress syndrome (RDS)</li> </ul> </li> </ul> Neonatal hyperbilirubinemia.	2
5	<b><u>Unit 3 Health promotion in early childhood period(cont.):</u></b> -Infant feeding and weaning.	2
6	<b><u>Continue Unit 3</u></b> <b><u>Health promotion in early childhood period(cont.):</u></b> <ul style="list-style-type: none"> <li>▪ Immunization (Patient safety).</li> </ul> Play and accident prevention (Patient safety).	2
7	<b><u>Unit 4</u></b> <b><u>Upper and lower respiratory tract infection:</u></b> <ul style="list-style-type: none"> <li>▪ Tonsillitis, otitis media and croup.</li> </ul> Bronchitis, bronchiolitis, and pneumonia	
8	<b><u>Unit 5</u></b> <b><u>Hematological disorders:</u></b> <ul style="list-style-type: none"> <li>▪ Iron deficiency anemia.</li> <li>▪ Sick cell anemia.</li> </ul> Thalassemia	2
9	<b><u>Unit 6 Gastrointestinal disorders:</u></b> <ul style="list-style-type: none"> <li>▪ Malnutrition diseases.</li> </ul> Gastroenteritis.	2
10	<b><u>Unit 7</u></b> <b><u>Gastrointestinal tract disorders:</u></b> Congenital anomalies of G.I.T.	2
11	<b><u>Unit 8      Midterm EXAM</u></b> <b><u>Central nervous system disorders</u></b> Spina bifida (meningocele & meningomyelocele) and Hydrocephalous	2
12	<b><u>Unit 9</u></b> <ul style="list-style-type: none"> <li>▪ Rheumatic fever.</li> </ul> Congestive heart failure	2
	<b><u>Unit 10</u></b>	2

	<b><u>Cardiac disorders:</u></b> Congenital heart diseases.	
	<b><u>Unit 11</u></b> <b><u>Urinary tract disorders:</u></b> ▪ Nephrotic syndrome and acute glomerulonephritis Urogenital anomalies	2
	<b>Practical</b> • Anthropometric measurement • Incubator care • Drug Administration <b>care for infant under phototherapy</b>	6
	• Difference in V.S • Restraint Assessment of gestational age	6
	• Oxygen therapy • Nebulizer therapy Chest physiotherapy	6
	• Gastrostomy feeding • Gastrostomy care • Routine Care " Cord, Diaper, Eye" • Ng. Record, Ng. Plan , Health teaching <b>SELF &amp; PEER EVALUATION</b>	6
	Formal Evaluation week 6	6 hours
	W,7, 8, 9,10,11,12,13,14 hospital training -	48 hours
	week 15 practical revision	6 hours
	Final OSCE Evaluation	6 hours
<b>Total</b>		

## D. Teaching and Assessment

### 1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
<b>1.0</b>	<b>Knowledge and Understanding</b>		
1.1	Discuss the perspectives of pediatric nursing as health promotion, family centered care and Qualities & role of pediatric nurse.	Group discussion. Lecture	Midterm Exam & Final written.
1.2	Describe the common illnesses in pediatric Nursing.	Group discussion. Lecture Students Presentation	Midterm Exam & & Final written.
1.3	State the components of health promotion in all stages of childhood.	Group discussion. Lecture Students Presentation	Midterm Exam & Final written.
1.4	Identify the most common pediatric emergencies	Group discussion. Lecture Students Presentation	Midterm Exam & & Final written.

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.5	Discuss nursing interventions for the common health problems in all body systems	Group discussion. Lecture Students Presentation	Midterm Exam & Final written.
<b>2.0</b>	<b>Skills</b>		
2.1	Apply the plan of care for minor problems in newborn & high-risk neonates	Demonstration & Re Demonstration Hospital training	Observation checklist Formal OSCE Final OSCE
2.2	Perform different methods of feeding for children.	Demonstration & Re Demonstration Hospital training	Observation checklist Formal OSCE Final OSCE
2.3	Apply medications administration for children.	Demonstration & Re Demonstration Hospital training	Formal OSCE Final OSCE Observation Checklist Competency Assessment(Log book)
2.4	Perform the essential nursing intervention for pediatric emergencies.	Demonstration & Re Demonstration Hospital training	Formal OSCE Final OSCE Observation Checklist Assessment(Log book)
2.5	Apply nursing interventions for common health problems and congenital anomalies for children.	Demonstration & Re Demonstration Hospital training	Observation checklist Formal OSCE Final OSCE
2.6	Demonstrate the nursing skills for hospitalized children with body systems disorders.	Demonstration & Re Demonstration Hospital training	Formal OSCE Final OSCE Observation Checklist Competency Assessment(Log book)
2.7	Communicate effectively with health team and use technology in communication skills	Demonstration & Re Demonstration Hospital training	Formal OSCE Final OSCE Observation Checklist Assessment(Log book)
<b>3.0</b>	<b>Values</b>		
3.1	Utilize critical thinking approach or skills during planning of care for children with their families	Group discussion. Brain storming	Final written. Group discussion
3.2	Maintain cross cultural sensitivity across all the nursing procedures	Group discussion. Lecture Brain storming	Final written..
3.3	Utilizes standards of ethics and high quality of children care in performing	Group discussion. Brain storming	Final written.. Group discussion Case scenario

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	<p>the following nursing skills procedures at different pediatric areas as :</p> <ul style="list-style-type: none"> <li>• <b>Pediatric emergency</b></li> <li>• <b>PICU</b></li> <li>• <b>NICU</b></li> <li>• <b>Pediatric Nursery</b></li> <li>• <b>Medical and surgical department</b></li> <li>• <b>Intermediate care unit</b></li> </ul> <p><b>Pediatric procedures</b> skills as</p> <p>Assessment of gestational age</p> <ul style="list-style-type: none"> <li>▪ Growth measurement (weight, height, length, head and chest circumferences)</li> <li>▪ Physiological measurement</li> <li>▪ Formula feeding.</li> <li>▪ Gavage feeding.</li> <li>▪ Routine baby care(cord care, eye care, diaper care).</li> <li>▪ Nebulizer care.</li> <li>▪ Care for infant under phototherapy</li> <li>▪ Chest physiotherapy.</li> <li>▪ Oxygen therapy.</li> <li>▪ Restraining.</li> <li>▪ Gastrostomy care and feeding.</li> <li>▪ Preparation of I.V. therapy.</li> </ul> <p>Drugs administration</p>		

## 2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	<b>Semester Clinical Activities</b> Formal evaluation OSCE (10%) Clinical practice (30 %)	Continuous	40 %
2	Students Activities ( such as presentation, brochure, poster, video, .....)	9	10%
3	Midterm exam	8	10 %
4	Final practical exam	13 &14	10%
5	Final theoretical exam	17&18	30 %
	Total		<b>100%</b>

\*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)



## E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :  
2hrs. each week for advice.

- Academic Advising: All students are distributed on the available staff, and each staff member meets with the student when needed (approximately 15- 20 minutes).
- Referral system: student who don't respond to academic advising and need more help are referred to the head of the department.

## F. Learning Resources and Facilities

### 1.Learning Resources

<b>Required Textbooks</b>	<ul style="list-style-type: none"> <li>Hockenberry, M.Wilson, D., &amp; Rodgers, C.,(2017): Wong's Essentials of Pediatric Nursing, 10th Edition, Mosby.</li> <li>Wong, D. L. (2015). Nursing Care of Infant and Children. 10thed., St. Louis, Washington.</li> </ul>
<b>Essential References Materials</b>	<ul style="list-style-type: none"> <li>Jean, W. Susan, C. D. &amp; Susan, R. J. (2014). Nursing Care of Children: Principles and Practice. 4th ed., Mosby, London,.</li> </ul>
<b>Electronic Materials</b>	<ul style="list-style-type: none"> <li>Find articles .com</li> <li><a href="http://www.nursepedi.blogspot.com">http://www.nursepedi.blogspot.com</a></li> <li><a href="http://www.journal.elsevier.com">www.journal.elsevier.com</a></li> <li><a href="http://www.researchgate.net">www.researchgate.net</a></li> </ul>
<b>Other Learning Materials</b>	<ul style="list-style-type: none"> <li>There is wireless network access.</li> <li>Saudi Digital Library.</li> </ul> <p>UQU Data base.</p>

### 2. Facilities Required

Item	Resources
<b>Accommodation</b> (Classrooms, laboratories, demonstration rooms/labs, etc.)	Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.) <input type="checkbox"/> Classroom or lecture room accommodate 55 nurse students (class no.2). <input type="checkbox"/> Suitable light and air condition. Data show and lab for presentation
<b>Technology Resources</b> (AV, data show, Smart Board, software, etc.)	2. Technology resources (AV, data show, Smart Board, software, etc.)  <b>There is wireless network access.</b>
<b>Other Resources</b> (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	

## G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Course evaluation once per academic year	Staff members of teams Students. makes Online	Survey Direct & Indirect
Curriculum evaluation every three years	Staff Members	Direct and indirect
Evaluation of faculty staff members	Head of the department	Evaluation Tool Direct & Indirect
Review the syllabus ,ILOs & Course Specs and Guide (Achievement of course learning)	Course Teams Head of the department	Direct
Review of exam Papers	Staff at Scientific Committee for revising final exam	Exam papers ,answer key Direct
Reviewing the semester's activities and final results of the students	Independent faculty members to verify standards of student achievement.	Direct and Indirect

**Evaluation areas** (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

**Evaluators** (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

**Assessment Methods** (Direct, Indirect)

## H. Specification Approval Data

Council / Committee	Nursing practices department council
Reference No.	460140414425/31990 تمت المصادقة برقم
Date	7-6-1442H