



Philadelphia University  
Faculty of Nursing  
Second Semester, 2020/2021

<b><u>Course Syllabus</u></b>	
<b>Course Title:</b> <i>Clinical child health Nursing</i> (Practicum)	<b>Course code:</b> : 0910326
<b>Course Level:</b> 3 <sup>rd</sup> year	<b>Course prerequisite(s) and/or co requisite(s):</b> 0910325
<b>Lecture Time:</b> lab training for 12 hours/week	<b>Credit hours:</b> 3 Credit hours

**Academic Staff Specifics**

<b>Name</b>	<b>Rank</b>	<b>Office Number and Location</b>	<b>E-mail Address</b>
Mrs. Ghounan Samhan	Lecturer: RN; MNS	508/3 <sup>rd</sup> floor	<a href="mailto:gsamhan@philadelphia.edu.jo">gsamhan@philadelphia.edu.jo</a>

## **Course Description:**

This module represents the clinical part of pediatric nursing and offered as a faculty requirement for the third year nursing students. The module focuses on the health problems of infancy and childhood in a developmental framework and stressing the importance of the nurses' role in health promotion and maintenance. The module also concerned with the principles and skills of nursing assessment, including interviewing, observation, physical and behavioral assessment. The preconceptual and prenatal influences on child health and well-being are also considered with special emphasis on the preventive aspects of care. Clinical evaluation and care plans will be assessed accordingly at faculty lab.

## **Course Objectives:**

1. Utilize concepts of growth and development to provide quality of care to children at different developmental stages.
2. Perform nursing skills accurately and safely in order to provide safe care to children Provide nursing students with basic knowledge related to clinical pediatric nursing for well and ill child.
3. Giving emphasis and focuses on the principles and concepts for dealing with the child and family as a one unite.
4. Implement health education topics regarding health promotion and diseases prevention
5. Applying case studies, nursing notice and nursing process for health maintenance and health prevention of children
6. Carry out nursing assessment for neonates and premature children

## **Course Components**

- 1- Lab experience

## **Textbook:**

1. Sandra M. Nettina (2019) lippincott manual procedures of nursing practice.(11<sup>th</sup> ).Wolters Kluwer.
2. Ruth C.Bindler (2016) :Clinical Skills Manual for Maternity and Pediatric nursing.(5<sup>th</sup>). Pearson.
3. Vicky R.Bowden(2015) : pediatric nursing procedures .(4<sup>th</sup>). Lippincott Williams and Wilkins
4. David Wilson (2012): Clinical Manual of Pediatric Nursing .(8<sup>th</sup>).Elsevier.
5. Josef Rain (2009): 100 cases in paediatric .(1<sup>st</sup> ). Hodder Arnold, Hachette UK company.

## **Reading books:**

1. Adele,Pillitteri.(2014):Maternal and child health nursing, care of the childbearing and childrearing family.(7<sup>th</sup> ).Lippincott Williams and Wilkins
2. Jane Ball (2017) :Principles of Pediatric Nursing Caring for Children (7<sup>th</sup>).Pearson.

## **Teaching Methods:**

- Interactive simulation
- Demonstration and redemonstrations.
- Discussion.
- Group work (developing a health education module).
- Readings and assignments.
- Videos

## **Learning Outcomes:**

### **1. Knowledge and understanding**

1.1 Emphasize on the principles acquired from nursing pre-requisites to pediatric nursing clinical settings in order to implicate theory part of pediatric course in appropriate skills and actions

1.2 Interpret the collaboration with child's family and health care team to ensure maximum quality and efficiency of pediatric nursing care

### **2. Intellectual skills**

2.1 -Analyze and critically think about children problems integrated with growth and development

2.2-Design nursing care plans according to the evolution outcomes

2.3-Compare between normal and abnormal growth

2.4- Evaluate child condition with normal values according to his developmental stage.

### **3. Professional and practical skills**

3.1 Demonstrate skills of assessment, restraining, bathing, feeding, and medicating children according to its guidelines to ensure maximum quality and efficiency of nursing care

3.2-Implement planned care in order to fully meet client and family needs

3.3-Apply principles of health promotion and prevention in appropriate clinical settings

3.4-Apply updated pediatric nursing research and evidence based practice as well as group projects in pediatric clinical settings

### **4. Transferable Skills).**

4.1 Assume the responsibilities of carrying out health education for well and ill individuals

4.2 Accept different styles of audience during health education sessions

4.3 Working in groups through health education and conferences

4.4 Enhancement of communication skills appropriate for the child and his family

4.5 Acts as a role models when dealing with children in wellness and illness

### Course Evaluation

<b>Field of evaluation</b>	<b>Marks</b>	<b>Reference</b>
Professionalism	10 %	Appendix -1
Procedures demonstrations	15 %	Procedures manual and related checklist  Competency checklist  Appendix -2
Case study presentation and developing nursing care plan	15%	Appendix 3  Appendix 5
Health education tool and presentation	10 %	Appendix 4
Final clinical (clinical case and procedure)	30 %	Procedures manual and related checklist  Competency checklist  Appendix -2
Final written exam	20 %	

<u>Allocation of Marks</u>	
<b>Assessment Instruments</b>	<b>Mark</b>
<b>First examination (case study &amp; procedure)</b>	<b>30%</b>
<b>Quizzes and Assignments (HE &amp; professionalism)</b>	<b>20%</b>
<b>Final Exam (written and clinical exam)</b>	<b>50%</b>
<b>Total</b>	<b>100%</b>

Make-up exams will be offered for valid reasons only with consent of the Dean. Make-up exam may be different from regular exams in content and format.

### **Attendance Policy:**

Absence from lectures and/or tutorials should not exceed 15%. Students who exceed the 15% limit without a medical or emergency excuse acceptable to and approved by the Dean of the relevant college/faculty should not be allowed to take the final examination and shall receive a mark of zero for the course. If the excuse is approved by the Dean, the student shall be considered to have withdrawn from the course.

### **Attendance Policy:**

#### **Policy Guide:**

- Each student should arrive on time for each clinical day.
- Students should be at the hospital in full uniform ready for work at the latest. Two latest are considered one absence.
- Students are only allowed two clinical day absences with acceptable excuses.
- Any student who exceeds his/her absences limit will be suspended from the clinical course and given a grade of 35%.
- Jewelry should be kept to a minimum
- Make-up for female student should be avoided as possible (to the Minimum)
- Long hair should always be tied up.
- Uniforms should always be clean and tidy. Name tags are essential.
- Male students with beards should keep them clean and trimmed
- Each student is required to have the following supplies on each clinical day:
  - 1-A blue pen
  - 2-A red pen
  - 3- A measurement meter
  - 4- Adequate paper for writing
  
- Students should always be on their best behavior.
- Students should always respect their clinical instructors.
- Students should always demonstrate professional behavior when Dealing with their clients, their peers, other health care Professionals and instructors.
- Students should communicate effectively with health team members, peers and instructors
  - All major procedures should be done under the supervision of a clinical instructor.
  - Students who lack experience and skill in performing procedures should review them in the nursing lab until they become safe and efficient.

## **Overall objectives**

1. At the end of the first two weeks the students will be able to
  2. Perform physical examination for children
  3. Administer the prescribed drugs
  4. Apply body measurements and use growth chart
  5. Prepare baby formula and assist mother to breast feed
  6. Bathing infants according to its principles
  7. Carry out recommended vaccination schedule and advice mothers for adverse effect and
  8. anticipatory schedule
  9. Applying case studies, nursing notice and nursing process for health maintenance and health prevention of childre Applying the national vaccination schedule for children
  10. Giving appropriate health education on selected topics as (breast feeding, vaccination, safety measures, weaning)
  11. Design a plan for anticipatory vaccines
  12. Examin children for normal and abnormal signs
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- 1- Test normal reflexes for children Identify the needs of hospitalized child
  - 2- Formulating the suitable nursing diagnosis
  - 3- Establish related nursing objectives
  - 4- Implement suitable nursing intervention for the needs and problems of hospitalized child
  - 5- Write precise and complete nursing records
  - 6- Assist in administering the prescribed medication and formulate appropriate recording
  13. Assist in applying different diagnostic tests

## **Selected topics for health education**

- 1- Child nutrition
- 2- Enuresis
- 3- Communicable disease that covers by vaccination
- 4- Autism
- 5- Upper respiratory infections
- 6- Lower respiratory tract infection
- 7- Epilepsy
- 8- Cerebral palsy
- 9- Congenital hip dislocation
- 10- Screening test for genetic disorders

### **Selected topics for case study presentation**

- 1- Gastroenteritis
- 2- Bronchial asthma
- 3- Convulsion
- 4- Urinary tract infection
- 5- G6PD
- 6- Iron deficiency anemia and Thalassemia
- 7- Heart anomalies
- 8- Jaundice
- 9- Autism
- 10- Cleft lip & palate
- 11- Tonsillitis and Tonsillectomy & Adenoiditis and Adenoidectomy
- 12- Communicable disease (chicken pox, diphtheria, measles, ...etc)
- 13- Spina bifida and meningocele
- 14- Meningitis and Encephalitis
- 15- Septicemia
- 16- Hypospadias, epispadias and undescending testes
- 17- Renal failure

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**Appendix 1: Professionalism**

Student Name: \_\_\_\_\_ Student ID#: \_\_\_\_\_

	<b>Items of Evaluation</b>	<b>0</b>	<b>0.5</b>	<b>1</b>
	<b>1-Professional behavior</b>			
1.	a-Adhere to the code of ethics			
2.	b-Punctuality			
3.	c-Uniform (modifiable )			
	<b>2-Personality</b>			
4.	a- Motivated			
5.	b-Volunteer			
	<b>3- Leadership abilities</b>			
6.	a-Abilities to lead and control the group			
7.	b- Abilities to make decision			
	<b>4- Practical</b>			
8.	a- Able to perform practical skills			
9.	b- Exhibit critical thinking and creativity			
10.	c- Apply nursing process			
	<b>Total mark (10)</b>			

**Teacher Signature-----**



**Appendix 2:**

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**Competency Checklist of skills to be accomplished**  
**15 MARKS**

**Appendix 1**

**Student name:**

<b>Procedures</b>	<b>Date</b>	<b>Supervisors signature</b>	<b>Note</b>
<b>Safety of the child</b> <ul style="list-style-type: none"> <li>• Procedure guideline</li> <li>• Infection control</li> <li>• Safety measures</li> <li>• Patient identification</li> <li>• Visitors identifications</li> <li>• Informed consent</li> <li>• Fall preventions</li> <li>• Latex allergy</li> <li>• Toys distribution and storage</li> <li>• Restrains</li> </ul>			
<b>Hygiene of the child</b> <ul style="list-style-type: none"> <li>• Infant bathing</li> <li>• Diapering</li> </ul>			
<b>Admission to flour</b> <b>Admission to ICU</b>			
<b>Circumcision</b>			
<b>Immunization and screening tests</b>			
<b>Vital signs</b>			
<b>Growth measurements</b>			
<b>Medications potassium infusion</b>			

<b>Oxygen therapy and suctioning</b>			
<b>Special procedures (case based)</b> <ul style="list-style-type: none"> <li>• <b>Blood transfusion</b></li> <li>• <b>Blood exchange</b></li> <li>• <b>Bone marrow aspiration</b></li> <li>• <b>Seizure precaution</b></li> <li>• <b>Lumbar puncture</b></li> <li>• <b>Ventricular peritoneal shunt care</b></li> <li>• <b>Enema</b></li> <li>• <b>Gastrostomy care</b></li> <li>• <b>NGT applying and feeding</b></li> <li>• <b>Phototherapy</b></li> <li>• <b>Apnea monitoring</b></li> <li>• <b>Chest physiotherapy</b></li> </ul>			
<b>Sampling (stool, urine and blood)</b>			
<b>Transition and discharge</b>			
<b>CPR</b>			

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**Appendix3: Evaluation Criteria for case presentation (15%)**

**Student Name:** \_\_\_\_\_

**ID #:** \_\_\_\_\_

**Date:** -----

	<b>Item to be evaluated</b>	<b>grad</b>	<b>Note</b>
	<b>Content( 6):</b>		
1	Topic identification and introduction ( 3)		
2	Clear of content (3)		
	<b>Organization (1%):</b>		
3	Start and finish on time (within 15 min). (0.5)		
4	Conduct presentation in an organized manner. (0.5)		
	<b>Communication skills (11%):</b>		
5	Appropriate tone of voice/pace of speech. (2)		
6	Appropriate vocabulary and terminology. (2)		
7	Present in a confident professional manner. (2)		
8	Able to control the audience. (2)		
9	Encourage discussion and participation. (3)		
	<b>Process (2%):</b>		
10	Use appropriate audiovisual materials. (0,5)		
11	Allow time for discussion. (0,5)		
12	Latest research related to topic (1)		
	<b>Nursing Care Plan (10)( based on appendix -5)</b>		
	Assessment (2)		
	Diagnosis (3)		
	Planning (2)		
	Interventions (2)		
	Evaluation (1)		
	<b>Total mark 30%</b>		

**Instructor signature**\_\_\_\_\_

**Student signature**\_\_\_\_\_

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Appendix 4-**Evaluation Sheet for Case Presentation /Mother class (10%)**

**Student Name:** .....

**Topic:**.....

**Date of presentation:** .....

Items	Grade	Comments
<b><u>1. Topic Content (10%)</u></b>		
*Introduction/ Objectives	1	
*Clarity of content	3	
*Relevant and applicable to nursing	1	
*Appropriate to level of audience	2	
*Organization of content	3	
<b><u>2. Presentation (10%)</u></b>		
*Appropriate vocabulary/ terminology		
*Stresses on important points	2	
*Use of audiovisual aids	2	
* Reference	5	
	1	
<b>Remarks</b>	<b>20</b>	

**Instructor's Signature:**

**Student's Signature**

**Appendix - 5 : Nursing Care Plan**

**I. Student Profile:**

Student Name: I. D. No.:  
 Instructor: Date:

**II. Patient Profile:**

Patient's Name:	Age:
Hospital:	Ward:
Room No.:	Bed NO.:
Admission Date:	Medical Diagnosis:
Date of Surgery:	Diet:
Physical Limitations:	Allergies:
I.V. Therapy:	weight:
Specific Treatments: (specify type and frequency):	
Communication Problems:	

**2. Health Habits:**

Regular Exercise:  
 Dietary considerations and restrictions:

**3. Current Health Status: (Chief Complaint and History of Present Illness)**

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**4. Past Health History:**

Prenatal and natal History:  
  
 Problems in Growth and Development:  
  
 Common Childhood illnesses:  
  
 Immunizations:  
  
 Screening Tests:  
  
 Previous hospitalizations:

Serious Accidents, Injuries, Illnesses, Treatments:

**5. Socioeconomic factors**

Income:

Other Income sources: (specify source, & amount):

No. of Children:

No. of Family members:

**6. Family History:**

Draw a Family Tree: Grandparents, parents, siblings, mate,  
Indicate health status of each as age and (alive or dead), cause of death  
And significant illnesses or problems present in the family.

**IV. Physical examination (Significant findings)**

**VI. Special Tests including lab, x-ray, or any other diagnostic procedures:-**

Test or Procedure	Result	Interpretations

**VII. Medications:**

Medication's name, dose, route, frequency	Classification	Nursing implications

**WORKING NURSING CARE PLAN**

**Assessment:**

Subjective data:

Objective data:

**Nursing diagnosis**

(1).....

(2).....

(3).....

(4).....

**Planning:**

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**Intervention:**

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**Evaluation:**

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**Time table:**

<b>ILOs</b>	<b>Weeks</b>	<b>Dates</b>	<b>Topics</b>
<b>3.1,3.3</b>	<b>Week 1</b>	<b>18\10\2020</b>          <b>20/10/2020</b>	<p><b>Syllabus and evaluation documents orientation</b></p> <p><b>Pediatric procedures</b>  <b>Safety of the child</b></p> <ul style="list-style-type: none"> <li>• Procedure guideline</li> <li>• Infection control</li> <li>• Safety measures</li> <li>• Fall preventions</li> <li>• Restrains</li> </ul> <p><b>Pediatric procedures</b></p> <ul style="list-style-type: none"> <li>• Immunization and screening tests</li> <li>• Vital signs and cooling measures</li> <li>• Growth measurements</li> <li>• Medications</li> </ul> <p><b>Sampling</b>  Stool collection  Urine collection  Blood tests (peripheral, heel, glucose, ABGs)</p>
<b>3.1,3.3</b>	<b>Week 2</b>	<b>25/10/2020</b>	<p><b>Pediatric procedures</b>  <b>Safety of the child</b></p> <ul style="list-style-type: none"> <li>• Latex allergy</li> <li>• Toys distribution and storage</li> <li>• Patient identification</li> </ul>



		27/10/2020	<ul style="list-style-type: none"> <li>• Visitors identifications</li> <li>• Informed consent</li> </ul> <p><b>Hygiene of the child</b></p> <ul style="list-style-type: none"> <li>• Infant bathing</li> <li>• Diapering</li> </ul> <p><b>Metabolic procedures:</b> Phototherapy</p> <p><b>Admission to flour</b> <b>Admission to ICU</b> <b>Circumcision</b></p> <p><b>Respiratory procedures</b></p> <ul style="list-style-type: none"> <li>• Oxygen therapy</li> <li>• Suctions</li> <li>• Apnea monitoring</li> <li>• Chest physiotherapy</li> </ul> <p><b>Neurological system related procedures</b></p> <ul style="list-style-type: none"> <li>• Seizures precautions</li> <li>• Intracranial pressure monitoring</li> <li>• Shunt drain care</li> <li>• lumper puncture</li> </ul>
3.1,3.3	Week3	1/11/2020	<p><b>Hematological procedures</b></p> <ul style="list-style-type: none"> <li>• Peripheral catheterization</li> <li>• Blood transfusion</li> <li>• Blood exchange</li> <li>• Bone marrow aspiration</li> </ul> <p><b>Gastro intestinal procedures:</b></p> <ul style="list-style-type: none"> <li>• Enema</li> <li>• Gastostomy care</li> <li>• NGT (Insertion and feeding)</li> </ul> <p><b>CPR</b></p>
1.1,1.2,2.1,2.3,2.4	Week4	8/11/2020	<p><b><u>Caring of children :special considerations in health care</u></b></p> <ul style="list-style-type: none"> <li>• Principles of family centered care</li> <li>• Growth and development mile stones</li> </ul>
		10/11/2020	

			<ul style="list-style-type: none"> <li>• Promoting coping during hospitalization</li> <li>• Principles of fluid and nutritional management</li> <li>• Principles of pharmacological management</li> <li>• Principles of pain management</li> </ul> <p>Health History assessment Growth mile stones assessment</p>
1.1,1.2,2.1,2.3,2.4	Week5	15/11/2020 17/11/2020	Complete physical examination Common laboratory tests
4.5,3.2	Week6	22/11/2020 24/11/2020	Procedures exam (10%)  Video for complete physical examination  Pediatric cases : <ul style="list-style-type: none"> <li>• Croup</li> <li>• Jaundice</li> </ul>
4.5,3.2	Week7	29/11/2020 1/12/2020	Pediatric cases : <ul style="list-style-type: none"> <li>• DM type 1</li> <li>• Pyloric stenosis</li> <li>• Gastro Enteritis</li> <li>• Constipation</li> </ul>
4.5,3.2	Week8	6/12/2020 8/12/2020	Pediatric cases : <ul style="list-style-type: none"> <li>• Bronchiolitis</li> </ul>

			<ul style="list-style-type: none"> <li>• Urinary tract infection</li> </ul>
<b>4.5,3.2</b>	<b>Week 9</b>	<b>13/12/2020</b>  <b>15/12/2020</b>	<b>Pediatric cases :</b> <ul style="list-style-type: none"> <li>• Enuresis</li> <li>• Measles</li> </ul> <b>Examples on nursing care plan</b> <ul style="list-style-type: none"> <li>• Nursing care plan of a child with hematological, immunological dysfunction</li> <li>• Nursing care plan of a child with neurological dysfunction</li> </ul>
<b>4.5,3.2</b>	<b>Week10</b>	<b>20/12/2020</b>  <b>22/12/2020</b>	<b>Examples on nursing care plans</b> <ul style="list-style-type: none"> <li>• Nursing care plan of the child with respiratory dysfunction</li> <li>• Nursing care plan of a child with cardiovascular dysfunction</li> <li>• Nursing care plan of child with cancer</li> </ul>
<b>4.1,4.2,3.4</b>	<b>Week11</b>	<b>27/12/2020</b>  <b>29/12/2020</b>	<b>Health education presentation( 10%)</b>  <b>Health education presentation( 10%)</b>
<b>4.3,3.4</b>	<b>Week 12</b>	<b>3/1/2021</b>  <b>5/1/2021</b>	<b>Case studies presentation (15%)</b>  <b>Case studies presentation (15%)</b>
	<b>Week13</b>	<b>10/1/2021</b>  <b>12/1/2021</b>	<b>Revision</b>  Final exam (clinical )30%
	<b>Week 14</b>	<b>17/1/2021</b> <b>19/1/2021</b>	<b>Final exams (clinical)30%</b> Final exam (written)20%