



جامعة الزيتونة الأردنية
Al-Zaytoonah University of Jordan
كلية التمريض
Faculty of Nursing



"التمريض جوهر الحياة"
"Nursing is the Essence of Life"

"عراقة وجودة"
"Tradition and Quality"

QF03/0408-4.0E	Course Plan for Bachelor program - Study Plan Development and Updating Procedures/ Nursing Department
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Study plan No.	2021-2022	University Specialization	Nursing
Course No.	0301323	Course name	Pediatric and New born Nursing (Theory)
Credit Hours	3	Prerequisite Co-requisite	Advanced adult Nursing
Course type	<input type="checkbox"/> MANDATORY UNIVERSITY REQUIREMENT	<input type="checkbox"/> UNIVERSITY ELECTIVE REQUIREMENTS	<input type="checkbox"/> FACULTY MANDATORY REQUIREMENT
Teaching style	<input type="checkbox"/> Full online learning	<input type="checkbox"/> Blended learning	<input checked="" type="checkbox"/> Traditional learning
Teaching model	<input type="checkbox"/> 1 Synchronous: 1 asynchronous	<input type="checkbox"/> 1 face to face : 1 synchronous	<input checked="" type="checkbox"/> 2 Traditional

Faculty member and study divisions' information (to be filled in each semester by the subject instructor)

Section	Name	Academic rank	Office No.	Phone No.	Office hours	E-mail
Division number	Time	Place		Number of students	Teaching style	Approved model
					Traditional	2

This course focuses on the application of knowledge synthesis, problem-solving approaches utilizing critical thinking while conducting the nursing process to promote protect and maintain the health of the child at different developmental levels (newborn-adolescent) taking into consideration the role of the family. The concepts of growth, development, health, and role of the pediatric nurse are emphasized. Legal and ethical issues related to health care of children will be explored.

Learning resources

Course book information (Title, author, date of issue, publisher ... etc)	Middleton, A., Speedie, L., Hockenberry, M. J., Wilson, D., & Rodgers, C. C. (2022). Wong's nursing care of infants and children. Elsevier Australia.
Supportive learning resources (Books, databases, periodicals, software, applications, others)	1- Ricci, S.S. et al. (2017) Study Guide for Maternity and Pediatric Nursing. Philadelphia: Wolters Kluwer. 2- Ricci, S. S., Kyle, T., & Carman, S. (2021). Maternity and pediatric nursing. 4th edition. Philadelphia, Wolters Kluwer.. 3- McInemy, T. K. (2017). American Academy of Pediatrics Textbook of Pediatric Care. American Academy of Pediatrics.



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	4- O'Meara, A. M. (2019). Maternity, newborn, and women's Health Nursing: A case-based approach. Wolters Kluwer Health.. 5- Jordanian Nursing Council. (2016). National Standards and Core Competencies for Registered Nurse. Amman, Jordan			
Supporting websites				
The physical environment for teaching	<input checked="" type="checkbox"/> Class room	<input type="checkbox"/> labs	<input type="checkbox"/> Virtual educational platform	<input type="checkbox"/> Others
Necessary equipment and software	Data show, computer and internet			
Supporting people with special needs	---			
For technical support	Contact the e-learning center and open resources First floor – faculty of science and information technology Dr. kaled jaber Tel : 064291511. Ext. 425 e-mail: k.jaber@zuj.edu.jo			

Course Intended Learning Outcomes (CILOs):

Upon successful completion of this course, students will be able to achieve the following Program and Course Intended Learning Outcomes

PILO #1: Comprehend the basic nursing knowledge needed to provide a safe and effective care environment, and comprehensive nursing care based on research and scientific evidence.



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Course Intended Learning Outcomes (CILO)	- Illustrate evidence-based findings to plan and deliver safe, effective, and comprehensive nursing care for newborns, children, and adolescents, and their families across diverse health conditions.
Concept based competency1: (Safe and Effective Care Environment)	Professional and Core Values, Professional Growth and Development, Accountability and Responsibility, Advocacy, Client rights, Collaboration, Continuity of Care, Referrals, Concept of management, Case manager, Performance and Quality Improvement, Injury prevention, Use safety devices, handling hazardous and infection material, safety, Standard precautions/ transmission-based precautions/ surgical asepsis, Member of the Nursing Profession, Evidence-Based Practice, Caring and Spirituality.
Relevant Competency (JNC)	Standard 1 (core competencies 1,2,3,4,5,6), Standard 3 (core competencies 1,2,3,4), Standard 4 (core competencies 1,2,3,4), Standard 5 (core competencies 1,2), Standard 6 (core competencies 1,2,3).
National framework	MK1
Weight	20%
Learning Methods	Lecture, Questions and Answers, Group Discussion, Problem Solving , Case-based learning), Small Group Work, Collaborative Learning
Evaluation Methods	• Assignments, and class participation, Short Exam, Mid-Term Exam, and final Exam

PILO #4: Show the ability to communicate and develop effective strategies to promote and maintain health and prevent diseases, while considering social and cultural diversity.



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Course Intended Learning Outcomes	- Select effective communication strategies with newborns, children, adolescents, and their families from diverse social and cultural backgrounds to promote and maintain health.
Concept based competency 2: (Health Promotion/ Prevention and Maintenance)	Techniques of physical assessment, self-care lifestyle choices, Health Risk Behaviors, Health Screening, Health promotion and disease prevention, Developmental stages and transition, Aging process, Home safety.
Relevant Competency (JNC)	Standard (7.1, 7.2, 7.3, 7.4, 7.5).
National framework	MC1.
Weight	25%
Learning Methods	Collaborative Learning, Small Group learning, Group Discussion, Case based learning. Lecture, Questions and Answers, Problem Solving, ,
Evaluation Methods	<ul style="list-style-type: none"> Assignments and class participation, Short Exam Mid-Term Exam, Final Exam

PILO # 6: Demonstrate the ability to maintain the psychological and social integrity of patients and to communicate effectively with clients and healthcare professionals while considering cultural diversity	
Course Intended Learning Outcomes (CILO)	- Integrate nursing goals, diagnoses, and outcome criteria to plan and evaluate the effectiveness of interventions that maintain clients' psychological and social integrity, using appropriate communication strategies within diverse cultural contexts.
Concept based competency 4: (Psychosocial Integrity)	Abuse and Neglect, Behavioral Interventions, Chemical and other dependencies and substance abuse disorders, Coping mechanisms, Crisis intervention, Cultural awareness and influences on health, End of life care, Family dynamics, Grief and loss, Mental health concepts, Religious and spiritual influences on health, Sensory and perceptual alterations, Stress management, Support systems, Therapeutic communication, Inter-professional Collaboration and Communication, Verbal, written, and technological communication, Therapeutic environment.
Relevant Competency (JNC)	Standard (7.1, 7.2, 7.3, 7.4, 7.5).
National framework	MC3.
Weight	5%



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Learning Methods	Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning
Evaluation Methods	<ul style="list-style-type: none">• Assignments and class participation, Short Exam Mid-Term Exam• End of Semester Exam



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PILO # 5: Demonstrate the ability to maintain the physiological integrity of patients while providing high quality nursing care.	
Course Intended Learning Outcomes (CILO)	<ul style="list-style-type: none"> - Demonstrate the ability to provide comfort and assist patients with activities of daily living using evidence-based nursing interventions. - Demonstrate safe and accurate administration of medications and parenteral therapies in accordance with evidence-based practice and institutional policies. - Construct strategies to minimize the risk of complications or adverse health outcomes related to patients' existing conditions, treatments, or procedures, guided by evidence-based practice. - Plan and Prioritize nursing care for clients with acute, chronic, or life-threatening physical health conditions based on evidence-based practice.
Concept based competency 3: (Physiological Integrity)	<p>A. Basic care and comfort (Assistive devices, Elimination, Mobility and Immobility, Non pharmacological comfort interventions, Nutrition and oral hydration, Personal hygiene, Rest and Sleep, Critical Thinking, Nursing Process / Clinical Competence).</p> <p>B. Pharmacological & Parenteral Therapies (Adverse effects, contradictions, side effects, and interactions of medications, Blood and blood products, Central venous access devices, Medication administration, Dosage calculations, Parenteral and intravenous therapies, Expected actions and outcomes, Pharmacological pain management, Total parenteral nutrition).</p> <p>C. Reduction of Risk Potential (Changes and abnormalities in vital signs, Laboratory values, Diagnostic tests, Potential for alterations in body systems, System-specific assessments, Therapeutic procedures).</p> <p>D. Physiological Adaptation (Fluids and electrolyte imbalances, Hemodynamic, Illness management, Medical emergencies).</p>
Relevant Competency (JNC)	Standard (7.1, 7.2, 7.3, 7.4, 7.5).
National framework	MC2.
Weight	45%
Learning Methods	Lecture, Questions and Answers, Problem Solving, Small Group Learning, Collaborative Learning, Group Discussion.
Evaluation Methods	<ul style="list-style-type: none"> • Assignments and class participation, Short Exam Mid-Term Exam, final Exam



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PILO # 5: Demonstrate the ability to maintain the physiological integrity of patients while providing high quality nursing care.	
Course Intended Learning Outcomes (CILO)	<ul style="list-style-type: none">- Demonstrate the ability to provide comfort and assist patients with activities of daily living using evidence-based nursing interventions.- Demonstrate safe and accurate administration of medications and parenteral therapies in accordance with evidence-based practice and institutional policies.- Construct strategies to minimize the risk of complications or adverse health outcomes related to patients' existing conditions, treatments, or procedures, guided by evidence-based practice.- Plan and Prioritize nursing care for clients with acute, chronic, or life-threatening physical health conditions based on evidence-based practice.
Concept based competency 3: (Physiological Integrity)	<p>A. Basic care and comfort (Assistive devices, Elimination, Mobility and Immobility, Non pharmacological comfort interventions, Nutrition and oral hydration, Personal hygiene, Rest and Sleep, Critical Thinking, Nursing Process / Clinical Competence).</p> <p>B. Pharmacological & Parenteral Therapies (Adverse effects, contradictions, side effects, and interactions of medications, Blood and blood products, Central venous access devices, Medication administration, Dosage calculations, Parenteral and intravenous therapies, Expected actions and outcomes, Pharmacological pain management, Total parenteral nutrition).</p> <p>C. Reduction of Risk Potential (Changes and abnormalities in vital signs, Laboratory values, Diagnostic tests, Potential for alterations in body systems, System-specific assessments, Therapeutic procedures).</p> <p>D. Physiological Adaptation (Fluids and electrolyte imbalances, Hemodynamic, Illness management, Medical emergencies).</p>
Relevant Competency (JNC)	Standard (7.1, 7.2, 7.3, 7.4, 7.5).
National framework	MC2.
Weight	45%
Learning Methods	Lecture, Questions and Answers, Problem Solving, Small Group Learning, Collaborative Learning, Group Discussion.
Evaluation Methods	<ul style="list-style-type: none">• Assignments and class participation, Short Exam Mid-Term Exam, final Exam



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PILO # 7 Assume responsibility for the development of professional nursing roles that commensurate with global health issues such as pandemics and challenging threats and their impact on the economics of healthcare systems	
Course Intended Learning Outcomes (CILO)	- Distinguish the impact of global health issues such as childhood cancer, communicable diseases and pandemics such as COVID-19 on healthcare systems and apply this understanding to develop and strengthen professional nursing roles within economic and public health contexts.
Concept based competency 5: (Global and Health Economics)	Health care policy, Global disease burden, Migration/ Refugee health, Social determinant of health, Value-based care, Health reform, Health informatics, Health insurance, Equity- justice, Health as a human right, and Fiscal Responsibility.
Relevant Competency (JNC)	Implicitly covered through performance, knowledge, resource utilization and provision of client centered care
National framework	MC4.
Weight	5%
Learning Methods	Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning
Evaluation Methods	<ul style="list-style-type: none"> Assignments, and class participation, Short Exam, Mid-Term Exam, and Final Exam



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Mechanisms for direct evaluation of learning outcomes

Type of assessment / learning style	Fully electronic learning	Blended learning	Traditional Learning (Theory Learning)	Traditional Learning (Practical Learning)
Midterm exam			30%	
Assignment			10%	
Quiz			10%	
Participation			10%	
Final exam			40%	

Evaluation Activity/Purpose	Covered PILO	Mark	Topic(s)	Period (Week)	Platform
Midterm Exam	All	30%	Introduction to Child Health Nursing <ul style="list-style-type: none"> ✓ The Roles and characteristics of the Pediatric nurse ✓ Communications with pediatrics ✓ Perspective of child health nursing ✓ The Bills of right of children Technology-Driven Care: Preparing Future Pediatric Nurses for the AI Era Health promotion of the Newborn: <ul style="list-style-type: none"> ✓ Adjustment to extra uterine life ✓ Nursing care of the Normal Newborn ✓ Health problems of the Newborn: ✓ Birth injuries ✓ Problems related to physiological factors: Hyperbilirubinemia, Hemolytic disease ✓ High risk related to: preterm, post term ✓ Respiratory distress syndrome (RDS) ✓ Sepsis Health promotion of the Infant: <ul style="list-style-type: none"> ✓ Immunization and Communicable Diseases: 		https://exams.zuj.edu.jo/



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			<ul style="list-style-type: none">✓ Mumps. Polio. Chicken Pox Measles.✓ Diphtheria. Tetanus. German measles Pertussis etc.✓ Nutrition✓ Play (SR)*✓ Pain Management (SR)*✓ Pediatric medications✓ Sudden infant death syndrome (SIDs) <p>Dermatological problems</p> <p>Care of the Child with Respiratory Problems:</p> <ul style="list-style-type: none">✓ Upper respiratory tract Problems: Nasopharyngitis (common cold).✓ Tonsillitis. Acute laryngitis. Acute Epiglottitis.✓ Lower respiratory tract Problems: Bronchiolitis, Pneumonia, Bronchial asthma✓ Chronic respiratory dysfunctions: Cystic fibrosis✓ Diaphragmatic hernia.✓ Otitis media. <p>Care of the Child with G.I. System Problems</p> <p>1. Structural defects of the G.I. System Cleft lip /Palate, Tracheo-esophageal fistula (TEF), Hernias Umbilical hernia</p> <p>2. Disorders of motility: diarrhea, vomiting Constipation</p> <p>3. Obstructive disorders of the G.I. System: Imperforate Anus, Pyloric stenosis, Hirschsprung's Disease, Intussusception Malabsorption syndrome: Celiac disease Gastoesophageal reflux</p> <p>4. Appendicitis</p> <p>Metabolic, and Endocrine disorders:</p> <ul style="list-style-type: none">✓ Type 1 diabetes mellitus (SR)*✓ Hypothyroidism✓ Phenylketonuria <p>Care of the child with Cardiovascular Disorders:</p>		



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			<ul style="list-style-type: none">✓ Congenital heart diseases (CHD): ASD, VSD. PDA. PS. AS. TPGV. Fallouts Tetralogy✓ Acquired heart disease: Congestive heart failure, Rheumatic heart disease <p>Care of the child with Musculoskeletal Function</p> <ul style="list-style-type: none">✓ Congenital defect: DDH, club foot✓ Juvenile Rheumatoid arthritis.✓ Muscular Dystrophy (Duchene).✓ Osteomyelitis. <p>Care of the child with Neurological Disorders</p> <ul style="list-style-type: none">✓ Intracranial infections: meningitis, encephalitis✓ Seizure disorder✓ Cerebral malformation: Hydrocephalus✓ Congenital malformations of C.N.S Spina Bifida✓ Cerebral Palsy <p>Care of the child with Hematological Disorders:</p> <ul style="list-style-type: none">✓ Anemia. Iron deficiency✓ Thalassemia✓ Sickle cell anemia✓ Hemophilia/Purpura✓ ITP Immune thrombocytopenia✓ G6PD Glucose-6-Phosphate Dehydrogenase Deficiency <p>Care of the child with Urinary Tract Disorders:</p> <ul style="list-style-type: none">✓ Urinary tract infection✓ Common congenital anomalies: (Hypospadias. Vasico- ureteric reflux)✓ Glomerular disease✓ Acute glomerulo-nephritis✓ Nephrotic syndrome✓ Renal failure <p>Chronic diseases</p> <ul style="list-style-type: none">✓ Chromosomal Abnormalities: Downs Syndrome.✓ Child hood cancers	
Quiz	All	10%		



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Assignment Appendix # 1	All	10%	Case analysis (different disease/topics)	13 th & 15 th
Participation	ALL	10%		
Final	All	40%	All Topics	

Evaluation Methods:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

Note 1: Asynchronous interactive activities are activities, tasks, projects, assignments, research, studies, projects, and work within student groups ... etc, which the student carries out on his own, through the virtual platform without a direct encounter with the subject teacher.

Note 2: According to the Regulations of granting Master's degree at Al-Zaytoonah University of Jordan, 50% of final evaluation goes for the final exam, and 50% for the semester work (examinations, reports, research or any scientific activity assigned to the student).

Schedule of simultaneous / face-to-face encounters and their topics

Week	Subject	Learning styles*	Reference**
1	Introduction to Child Health Nursing <ul style="list-style-type: none"> The Roles and characteristics of the Pediatric nurse Communications with pediatrics Perspective of child health nursing The Bills of right of children Technology-Driven Care: Preparing Future Pediatric Nurses for the AI Era	✓ Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning	Middleton et al 1-14 Kim, 2025 131-133 Khan Rony el al. 2024 1-14
2	Health promotion of the Newborn: <ul style="list-style-type: none"> Adjustment to extra uterine life Nursing care of the Normal Newborn 	✓ Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning	196-233



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3+4	Health problems of the Newborn: <ul style="list-style-type: none"> Birth injuries Problems related to physiological factors: Hyperbilirubinemia, Hemolytic disease High risk related to: preterm, post term Respiratory distress syndrome (RDS) Sepsis Nursing care 	✓ Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning	2380245 249-251 252-265 270-299
5+6	Health promotion of the Infant: <ul style="list-style-type: none"> Immunization and Communicable Diseases: Mumps. Polio. Chicken Pox Measles. Diphtheria. Tetanus. German measles Pertussis etc. Play (SR)* Pain Management (SR)* Pediatric medications Sudden infant death syndrome (SIDs) Nursing care 	✓ Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning	372-376 384-387
7	Children with Dermatological problems Nursing care	✓ Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning	
8	Care of the Child with Respiratory Problems: <ul style="list-style-type: none"> Upper respiratory tract Problems: Nasopharyngitis (common cold). Tonsillitis. Acute laryngitis. Acute Epiglottitis. Lower respiratory tract Problems: Bronchiolitis, Pneumonia, Bronchial asthma Chronic respiratory dysfunctions: Cystic fibrosis Diaphragmatic hernia. Otitis media. Nursing care 	✓ Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning	883-912 944-952



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9	Structural defects of the G.I. System <ul style="list-style-type: none"> Cleft lip /Palate, Tracheo-esophageal fistula (TEF), Hernias Umbilical hernia Disorders of motility: <ul style="list-style-type: none"> Diarrhea, vomiting Constipation Obstructive disorders of the G.I. System: <ul style="list-style-type: none"> Imperforate Anus, Pyloric stenosis, Hirschsprung's Disease, Intussusception Malabsorption syndrome: <ul style="list-style-type: none"> Celiac disease, Gastroesophageal reflux, Appendicitis, Nursing care 	✓ Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning	825-840 844-845 845-863 872-875 878-883
Midterm Exam			
10	Metabolic, and Endocrine disorders: <ul style="list-style-type: none"> Type 1 diabetes mellitus (SR)* Hypothyroidism Phenylketonuria Nursing care 	✓ Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning	1192-1194 1183-1184
10	Care of the child with Cardiovascular Disorders: <ul style="list-style-type: none"> Congenital heart diseases (CHD): ASD, VSD. PDA. PS. AS. TPGV. ToF Acquired heart disease: Congestive heart failure, Rheumatic heart disease Nursing care 	✓ Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning	958-985 985-988 996-998
11	Care of the child with Musculoskeletal Function <ul style="list-style-type: none"> Congenital defect: DDH, club foot Juvenile Rheumatoid arthritis. Muscular Dystrophy (Duchene). Osteomyelitis. Nursing care 	✓ Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning	
12	Care of the child with Neurological Disorders <ul style="list-style-type: none"> Intracranial infections: meningitis, encephalitis Seizure disorder Cerebral malformation: Hydrocephalus Congenital malformations of C.N.S Spina Bifida Cerebral Palsy Nursing care 	✓ Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning	1298-1313
13	Care of the child with Hematological Disorders: <ul style="list-style-type: none"> Anemia. Iron deficiency Thalassemia 	✓ Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning	1020-1056 1085-1091



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	<ul style="list-style-type: none"> Sickle cell anemia Hemophilia/Purpura ITP Immune thrombocytopenia G6PD Glucose-6-Phosphate Dehydrogenase Deficiency Nursing care 		
14	Care of the child with Urinary Tract Disorders: <ul style="list-style-type: none"> Urinary tract infection Common congenital anomalies: (Hypospadias. Vaso- ureteric reflux) Glomerular disease <ul style="list-style-type: none"> Acute glomerulo-nephritis Nephrotic syndrome Renal failure Nursing care 	✓ Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning	778-790 791-795 815-818
14	Chromosomal Abnormalities <ul style="list-style-type: none"> Downs Syndrome. Child hood cancers Nursing care 	✓ Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning	
16	Final Exam		

* Learning styles: Lecture, flipped learning, learning through projects, learning through problem solving, participatory learning ... etc.

** Reference: Pages in a book, database, recorded lecture, content on the e-learning platform, video, website ... etc.

Course Intended Learning Outcomes Matrix		
Course Name: Pediatric and New born Nursing (Theory)		
Course Number: 0301323		
PILO #1: Comprehend the basic nursing knowledge needed to provide a safe and effective care environment, and comprehensive nursing care based on research and scientific evidence..		
CILOS		- Illustrate evidence-based findings to plan and deliver safe, effective, and comprehensive nursing care for newborns, children, and adolescents, and their families across diverse health conditions.
PILO 4: Show the ability to communicate and develop effective strategies to promote and maintain health and prevent diseases, while considering social and cultural diversity.		
CILOS		- Select effective communication strategies with newborns, children, adolescents, and their families from diverse social and cultural backgrounds to promote and maintain health.
PILO # 5: Demonstrate the ability to maintain the physiological integrity of patients while providing high quality nursing care.		
CILOS		- Demonstrate the ability to provide comfort and assist patients with activities of daily living using evidence-based nursing interventions.



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		<div>- Demonstrate safe and accurate administration of medications and parenteral therapies in accordance with evidence-based practice and institutional policies.</div>									
		<div>- Construct strategies to minimize the risk of complications or adverse health outcomes related to patients’ existing conditions, treatments, or procedures, guided by evidence-based practice.</div>									
		<div>- Plan and Prioritize nursing care for clients with acute, chronic, or life-threatening physical health conditions based on evidence-based practice.</div>									
	PILO # 6: Demonstrate the ability to maintain the psychological and social integrity of patients and to communicate effectively with clients and healthcare professionals while considering cultural diversity.										
CILOS		<div>- Integrate nursing goals, diagnoses, and outcome criteria to plan and evaluate the effectiveness of interventions that maintain clients’ psychological and social integrity, using appropriate communication strategies within diverse cultural contexts.</div>									
	PILO # 7: Assume responsibility for the development of professional nursing roles that commensurate with global health issues such as pandemics and challenging threats and their impact on the economics of healthcare systems										
CIL OS		<div>- Distinguish the impact of global health issues such as childhood cancer, communicable diseases and pandemics such as COVID-19 on healthcare systems and apply this understanding to develop and strengthen professional nursing roles within economic and public health contexts.</div>									
Week	Course contents		Intended Learning Outcomes								
			PILO 1	PILO 4	PILO 5				PILO 6	PILO 7	
		CILOS	1	1	1	2	3	4	1	1	
1	Introduction to Child Health Nursing <ul style="list-style-type: none">The Roles and characteristics of the Pediatric nurseCommunications with pediatricsPerspective of child health nursingThe Bills of right of children Technology-Driven Care: Preparing Future Pediatric Nurses for the AI Era	X					X			X	
		X			X		X				
2	Health promotion of the Newborn: <ul style="list-style-type: none">Adjustment to extra uterine life	X	X	X		X	X				



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	<ul style="list-style-type: none"> Nursing care of the Normal Newborn 								
3	Health problems of the Newborn: <ul style="list-style-type: none"> Birth injuries Problems related to physiological factors, Hyperbilirubinemia, Hemolytic disease of the newborn, High risk related to: preterm, post term Respiratory distress syndrome (RDS) Sepsis 			X			X	X	
4+5	Health promotion of the Infant: <ul style="list-style-type: none"> Immunization and Communicable Diseases: Mumps. Polio. Chicken Pox Measles. Diphtheria. Tetanus. German measles Pertussis. Nutrition Play (SR)* Pain Management (SR)* Pediatric medications Sudden infant death syndrome (SIDS) Dermatological problems 	X	X		X		X		X
6	Care of the Child with Respiratory Problems: <ul style="list-style-type: none"> Upper respiratory tract Problems: Nasopharyngitis (common cold). Tonsillitis. Acute laryngitis. Acute Epiglottitis. Lower respiratory tract Problems: Bronchiolitis. Pneumonia, Bronchial asthma Chronic respiratory dysfunctions: Cystic fibrosis Diaphragmatic hernia. Otitis media. 	X	X	X		X			X



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7	Structural defects of the G.I. System <ul style="list-style-type: none"> Cleft lip /Palate, Tracheo-esophageal fistula (TEF). Hernias Umbilical hernia Disorders of motility: diarrhea, vomiting Constipation Obstructive disorders of the G.I. System: Imperforate Anus., Pyloric stenosis Hirschsprung's Disease, Intussusception Malabsorption syndrome: Celiac disease Gastoesophageal reflux Appendicitis 	X	X	X	X		X		X
8	Metabolic, and Endocrine disorders: <ul style="list-style-type: none"> Type 1 diabetes mellites(SR)* Hypothyroidism Phenylketonuria 	X	X			X	X		
9	Care of the child with Cardiovascular Disorders: <ul style="list-style-type: none"> Congenital heart diseases (CHD): ASD, VSD. PDA. PS. AS. TPGV. Fallouts Tetralogy Acquired heart disease: Congestive heart failure, Rheumatic heart disease 	X			X		X		
10	Care of the child with Musculoskeletal Function <ul style="list-style-type: none"> Congenital defect: DDH, club foot Juvenile Rheumatoid arthritis. Muscular Dystrophy (Duchene). Osteomyelitis. 	X	X		X		X		X
11	Care of the child with neurological Disorders <ul style="list-style-type: none"> Brain tumor 	X		X	X		X	X	



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	<ul style="list-style-type: none">▪ Intracranial infections: meningitis, encephalitis▪ Seizure disorder▪ Cerebral malformation : Hydrocephalus▪ Congenital malformations of C.N.S Spina Bifida Cerebral Palsy								
12	Care of the child with Hematological Disorders: <ul style="list-style-type: none">▪ Anemia. Iron deficiency▪ Thalassemia▪ Sickle cell anemia▪ Hemophilia/Purpura▪ ITP Immune thrombocytopenia▪ G6PD Glucose-6-Phosphate Dehydrogenase Deficiency	X	X		X		X		
13	Care of the child with urinary tract disorders: <ul style="list-style-type: none">▪ Urinary tract infection▪ Common congenital anomalies: (Hypospadias. Vasico- ureteric reflux) Glomerular disease <ul style="list-style-type: none">▪ Acute glomerulo-nephritis▪ Nephrotic syndrome▪ Genitourinary tract,	X	X		X		X		
14	Chromosomal Abnormalities Downs Syndrome. Child hood cancer	X	X			X		X	
Head of Department:				Course coordinator:					

	Learning Methods Matrix
	Course Name: Pediatric and New born Nursing (Theory)
	Course Number: 0301323
	Learning methods: Lecture, Questions and Answers, Group Discussion, Problem Solving, Small Groups, Collaborative Learning



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Week	Course contents	Lecture, Q & A	Group Discussion,	Problem Solving,	Small Groups	Collaborative Learning
1	Introduction to Child Health Nursing <ul style="list-style-type: none"> The Roles and characteristics of the Pediatric nurse Communications with pediatrics Perspective of child health nursing The Bills of right of children 	X	X			X
2	Health promotion of the Newborn: <ul style="list-style-type: none"> Adjustment to extra uterine life Nursing care of the Normal Newborn Health problems of the Newborn: <ul style="list-style-type: none"> Birth injuries 	X	X	X	X	X



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	<ul style="list-style-type: none"> Problems related to physiological factors, Hyperbilirubinemia, Hemolytic disease of the newborn, High risk related to: preterm, post term Respiratory distress syndrome (RDS) Sepsis 					
3-4	Health promotion of the Infant: <ul style="list-style-type: none"> Immunization and Communicable Diseases: Mumps. Polio. Chicken Pox Measles. Diphtheria. Tetanus. German measles Pertussis. Nutrition, and sleep problems Play (SR)* Pain Management (SR)* Pediatric medications Sudden infant death 	X	X			X



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	syndrome (SIDs) Dermatological problems					
5-6	Care of the Child with Respiratory Problems: <ul style="list-style-type: none"> Upper respiratory tract Problems: Nasopharyngitis (common cold). Tonsillitis. Acute laryngitis. Acute Epiglottitis. Lower respiratory tract Problems: Bronchiolitis Pneumonia Bronchial asthma Chronic respiratory dysfunctions : Cystic fibrosis Diaphragmatic hernia. Otitis media. 	X	X		X	X
7	Structural defects of the G.I. System <ul style="list-style-type: none"> Cleft lip /Palate 	X	X			X



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	<ul style="list-style-type: none"> ○ Tracheo-esophageal fistula (TEF). ○ Hernias ○ Umbilical hernia <p>Disorders of motility: diarrhea, vomiting Constipation</p> <p>Obstructive disorders of the G.I. System:</p> <ul style="list-style-type: none"> ▪ Imperforate Anus. ▪ Pyloric stenosis ▪ Hirschsprung's Disease ▪ Intussusception <p>Malabsorption syndrome: Celiac disease Gastroesophageal reflux Appendicitis</p>					
8	<p>Metabolic, and Endocrine disorders:</p> <ul style="list-style-type: none"> ▪ Type 1 diabetes mellitus (SR)* ▪ Hypothyroidism <p>Phenylketonuria</p>	X	X	X		X
9	<p>Care of the child with Cardiovascular Disorders:</p> <ul style="list-style-type: none"> • Congenital heart 	X	X	X		X



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	<p>diseases (CHD): ASD, VSD. PDA. PS. AS.</p> <ul style="list-style-type: none"> • TPGV. Fallouts Tetralogy • Acquired heart disease: Congestive heart failure, Rheumatic heart disease • Hypoxemia 					
10	<p>Care of the child with Musculoskeletal Function</p> <ul style="list-style-type: none"> ▪ Congenital defect: DDH, club foot ▪ Juvenile Rheumatoid arthritis. ▪ Muscular Dystrophy (Duchene). ▪ Osteomyelitis 	X	X			X
11	<p>Care of the child with neurological Disorders</p> <ul style="list-style-type: none"> ▪ Brain tumor ▪ Intracranial infections: meningitis, encephalitis ▪ Seizure disorder 	X	X		X	X



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	<ul style="list-style-type: none"> Cerebral malformation : Hydrocephalus Congenital malformations of C.N.S Spina Bifida Cerebral Palsy 					
12	Care of the child with Hematological Disorders: <ul style="list-style-type: none"> Anemia. Iron deficiency Thalassemia Sickle cell anemia Hemophilia/ Purpura ITP Immune thrombocytopenia G6PD Glucose-6-Phosphate Dehydrogenase Deficiency Leukemia Blood transfusion 	X	X	X		X
13	Care of the child with urinary tract disorders: <ul style="list-style-type: none"> Urinary tract infection Common congenital anomalies: (Hypospadias. Vasico- 	X	X			X



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	ureteric reflux) Glomerular disease <ul style="list-style-type: none"> ▪ Acute glomerulo- nephritis ▪ Nephrotic syndrome ▪ Genitourinar y tract Neoplastic disorders eg wilm's tumor, 					
14	Chromosomal Abnormalities <ul style="list-style-type: none"> ▪ Downs Syndro me. 	X	X			X