

**INTERAMERICAN UNIVERSITY OF PUERTO RICO
METROPOLITAN CAMPUS
SCIENCE AND TECHNOLOGY FACULTY
CARMEN TORRES DE TIBURCIO NURSING DEPARTMENT**

SYLLABUS

I. GENERAL INFORMATION

Course title	:	Practicing Pediatric Care
Code and Number	:	NURS 2352
Credits	:	Two (2)
Level	:	Two (2)
Academic Term	:	
Teacher	:	
Place and office hours	:	
Office phone	:	
Email	:	

II. DESCRIPTION

Application of the nursing process in client care from the normal late neonatal stages to adolescence. Emphasis on the management of dysfunctions affecting the functional health patterns using the concepts of curriculum as a framework. Requires 60 hours of clinical practice in diverse scenarios. Requirement: NURS 2234. Concurrent with NURS 2351, 2361, 2362 and 2970.

III. OBJECTIVES

TERMINAL OBJECTIVES

1. Use communication skills, critical thinking and the use of technology to maintain the quality of care offered to the client. (AASN)
2. Apply skills of communication, collaboration, critical thought, and the use of technology as a provider and coordinator of care and as a future member of the profession. (BSN)

GENERAL OBJECTIVES

At the end of the course, the student will be able to:

1. Use therapeutic communication skills, literacy in health and computing in the care of the pediatric client, family and with the interdisciplinary team.
2. Apply the nursing process when planning pediatric client and family care when experiencing legal ethical situations related to health conditions.
3. Demonstrate competencies in evidence-based nursing interventions for dysfunction management that affect functional health patterns in pediatric client and their family.

4. Provide humanistic care to the pediatric client recognizing their needs, growth and development, values, culture, and the impact of the community to achieve, maintain or recover an optimal level of health.
5. Evaluate the pediatric client and their family response to nursing interventions based on the achievement of expected goals and outcomes.

IV. COURSE CONTENT

- A. Foundations of pediatric nursing
 1. Roles of pediatric nursing
 2. Standards of care and practice
 3. Factors influencing child health
 - a. Genetic
 - b. State of health and lifestyle
 - c. Culture
 - d. Spirituality and religion
 - e. Community and society
- B. Dysfunctions in functional health patterns
 1. Health perception and management
 - a. National Patient Safety Goals
 - Infection control
 - Communication
 - Medication administration
 - b. Pediatric health history
 - Vitals signs
 - Anthropometrics measures
 - c. Health promotion
 - Immunizations
 - d. Pediatric variations
 - Informed consent
 - Hygiene
 - Laboratories and diagnostic tests
 - e. Pediatric client education according to the growth stage and development including the family.
 2. Nutrition and metabolic pattern
 - a. Nutritional history
 - Weight and height
 - Examination to skin
 - Examination intake
 - b. Providing nutritional support
 - Parenteral nutrition
 - Enteral nutrition
 - c. Peripheral venous Access pipeline
 3. Elimination pattern
 - a. Estimated elimination pattern

- Urinary frequency
 - Intestinal frequency
 - Elimination pattern
 - Estimated output
4. Activity- exercise pattern
 - a. Cardiovascular history
 - Diagnostic tests (CBC, CMP, cardiac enzymes)
 - Estimated heart sounds
 - Pulse variations
 - b. Respiratory history
 - Diagnostic tests
 - Estimated breathing sounds, rhythm, frequency and respiratory pattern.
 - Oxygenation therapy devices
 - Tracheostomy care
 - c. Respiratory cardio arrest
 - Management the stop car
 - d. Mobility
 - Mobility devices
 5. Perceptual cognitive pattern
 - a. Pain assessment and management
 - Pain scales

V. ACTIVITIES

1. Conference and group discussion
2. Discussion of clinical cases
3. Demonstration, practice and evaluation of clinical skills.
4. Using low, medium and high-fidelity simulators.

VI. EVALUATION

Criteria	Score	Percent
Clinical Performance <ul style="list-style-type: none"> • Contact Hours (60 hours) • Orientation to Assigned Clinical Scenario • Clinical Documents (submitted before AW date) 	100	50
Clinical skills / simulations	100	10
Pharmacology Exam (mid-term)	100	15
ATI	100	5
Case Study	100	10
ECOIE (final exam)	100	10
Total	600	100

VII. SPECIAL NOTES

A. Supporting Services or Special Needs

Any student requiring ancillary services or special assistance must apply for these at the beginning of the course or as soon as he acquires knowledge that he/she needs them, through the corresponding registration, at the Office of the Coordinator of Student Services with Disabilities in the Orientation Program with Dr. María de los A. Cabello or email mcabello@metro.inter.edu.

B. Honesty, fraud, and plagiarism

Dishonesty, fraud, plagiarism, and any other inappropriate conduct in relation to academic work constitute major violations sanctioned by the General Student Regulations. Major offences, as required by the General Student Regulations, may result in the suspension of the University for a defined period of more than one year or the permanent expulsion of the University, among other sanctions.

C. Use of electronic devices

Cell phones and any other electronic device that could disrupt teaching and learning processes or alter the environment leading to academic excellence will be disabled. Pressing situations will be addressed, as appropriate. The handling of electronic devices that allow access, storage or sending data during evaluations or examinations is prohibited.

D. Compliance with the provisions of Title IX

The Federal Higher Education Act, as amended, prohibits discrimination on the grounds of sex in any academic, educational, extracurricular, athletic or other program or employment, sponsored or controlled by a higher education institution regardless of whether it is conducted on or off the institution's premises, if the institution receives federal funds.

As provided by applicable federal regulations, our academic unit has appointed a Title IX Assistant Coordinator who will provide assistance and guidance in connection with any alleged incident constituting gender, sexual harassment or sexual assault. You can contact the Assistant Coordinator, Mr. George Rivera Rodríguez, at 787 250-1912, extension 2262, or email griverar@metro.inter.edu

The Normative Document entitled **Standards and Procedures for Addressing Alleged Violations of the Provisions of Title IX** is the document containing the institutional rules for channeling any complaint that is filed based on this type of claim. This document is available on the portal of the Inter-American University of Puerto Rico (www.inter.edu).

VIII. EDUCATIONAL RESOURCES

Textbook

Kyle, T., & Carman, S. (2021). *Essentials of Pediatric Nursing* (4 Ed.). Wolters Kluwer.

IX. BIBLIOGRAPHY

Books

- Gahart, B. L., Nazareno, A. R., & Ortega, M. Q. (2021). *Gahart's 2021 intravenous medications: a handbook for nurses and health professionals* (Thirty-seventh edition.). Elsevier.
- Hockenberry, M. J., Wilson, D., Rodgers, C. C., Wong, D. L., Whaley, L. F., & Hockenberry, M. J. (2017). *Wong's essentials of pediatric nursing* (Tenth edition.). Elsevier.
- LaCharity, L. A., Kumagai, C. K., & Bartz, B. (2019). *Prioritization, delegation, and assignment: practice exercises for the NCLEX examination* (4th edition.). Elsevier.
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- Pediatric nursing made incredibly easy! (Second edition.). (2015). Lippincott Williams & Wilkins.
- Rudd, K., & Kocisko, D. M. (2019). *Pediatric nursing: the critical components of nursing care* (Second edition.). F.A. Davis.
- Silbert-Flagg, J., Pillitteri, A., & Pillitteri, A. (2018). *Maternal & child health nursing: care of the childbearing & childrearing family* (Eighth edition.). Wolters Kluwer.
- Valverde Molina, I., Mendoza Caballero, N. A., & Peralta Reyes, I. C. (2017). *Enfermería pediátrica* (Segunda edición.). Editorial El Manual Moderno.

Magazines

- Bally, J. M. G., Spurr, S., Hyslop, S., Hodgson-Viden, H., & McNair, E. D. (2022). Using an interprofessional competency framework to enhance collaborative pediatric nursing education and practice. *BMC Nursing*, 21(1), 1–10. <https://doi.org/10.1186/s12912-022-00932-z>
- Committee on Practice and Ambulatory Medicine, & Bright Futures Periodicity Schedule Workgroup (2019). 2019 Recommendations for Preventive Pediatric Health Care. *Pediatrics*, 143(3), e20183971. <https://doi-org.ez.inter.edu/10.1542/peds.2018-3971>
- Durbin, J. (2018). Pediatric Obesity in Primary Practice: A Review of the Literature. *Pediatric Nursing*, 44(4), 202–206.
- Elawady, M. S., Taman, H. I., & El Said Saber, H. I. (2022). Evaluation of Paediatric Postoperative Pain Management among Nursing Staff Working in Tertiary University Hospitals: A multicentre Cross-sectional Study. *Egyptian Journal of Hospital Medicine*, 87, 1342–1347. <https://doi.org/10.21608/ejhm.2022.223608>
- McIntosh, R. (2022). Improving Nursing Student Resilience Using Online Simulation and Resilience-Based Content in a Pediatric Course. *Journal of Nursing Education*, 61(6), 348. <https://doi.org/10.3928/01484834-20220404-09>

- Gabaeff S. C. (2016). Exploring the controversy in child abuse pediatrics and false accusations of abuse. *Legal medicine (Tokyo, Japan)*, 18, 90–97. <https://doi-org.ez.inter.edu/10.1016/j.legalmed.2015.12.004>
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- Lantz, A. J. (2020). Pediatric Accidental Trauma: Screening and Reducing Psychological Impact. *Pediatric Nursing*, 46(3), 111–114.
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- Pérez-Portabella Maristany, C., & Redecillas Ferreiro, S. E. (2017). Administración de la nutrición parenteral pediátrica [Administration of pediatric parenteral nutrition]. *Nutricion hospitalaria*, 34(Suppl 3), 50–52. <https://doi-org.ez.inter.edu/10.20960/nh.1381>
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Audiovisual Resources

- Assessment and intervention. (2012). [Video/DVD] Medcom. Retrieved from <https://video-alexanderstreet-com.ez.inter.edu/watch/assessment-and-intervention>
- Classroom Productions (Producer), &. (2017). Cardiopulmonary assessment and cardiac anomalies. [Video/DVD] Medcom. Retrieved from <https://video-alexanderstreet-com.ez.inter.edu/watch/cardiopulmonary-assessment-and-cardiac-anomalies-2>
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- Thomas Walters, Jon Frank, & Medcom (Producers), &. (2015). Introduction and neglect. [Video/DVD] Medcom. Retrieved from <https://video-alexanderstreet-com.ez.inter.edu/watch/introduction-and-neglect>
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Electronic Resources

Centro de acceso a la información. <http://cai.inter.edu/>

Centers for Disease Control and Prevention. <https://www.cdc.gov/>

For Guidelines Americans. (Available in Spanish)
<http://www.health.gov/dietaryguidelines/>

Patient Safety and Quality: An Evidence-Based for Handbook Nurses. (AHRQ Publication No 08-0043) <http://www.ahrq.gov/qual/nurseshbk/>

August/2022 oct/2022MRV