

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

SYLLABUS

I. GENERAL INFORMATION

Course Title	:	Practice Maternal Neonatal
Code and Number	:	NURS 2142
Credits	:	Two (2)
Level		
Academic Term	:	
Instructor	:	
Office Location and Hours	:	
Office Telephone	:	(787) 250-1912 EXT. 2202
E-mail	:	

II. DESCRIPTION

Application of the nursing process using the functional patterns of health in the care of clients during pregnancy, childbirth and pos childbirth. The care of the normal newborn is included during the early neonatal stage. Requires a total of 60 hours of clinical practice in diverse scenarios. Prerequisites: NURS 1231, 1232. Co-requisite: NURS 2141, 2233, 2234.

III. OBJECTIVES

END OF PROGRAM STUDENT LEARNING OUTCOMES

(GRADUATE PROFILE OF COMPETENCIES)

1. Use communication skills, critical thinking, and the use of technology to maintain the quality of care offered to the client. (AAS)
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 (COURSE STUDENT LEARNING OUTCOMES)

1. Identify anatomical, physiological, pathological, and biochemical changes that can affect the normal functioning of the client during childbearing and early neonatal period.
2. Analyze the biopsychosocial and spiritual aspects of the reproductive cycle to promote the health of the childbearing woman and the neonate.
3. Integrate knowledge of the evolution of the concepts and principles that underline the practice of maternal-neonatal nursing to provide quality care.
4. Utilize the nursing process to provide humanistic care to the maternal neonatal client.

IV. COURSE CONTENT

A. Nursing Process applied to the maternal-neonatal client.

1. General Concepts

- A. Health Goals
- B. Safety Goals
- C. Safety Goals
- D. Pregnancy Rights
- E. Ethical-Legal aspects
- F. Evidence-Based Practice
- G. Standards of Care and Clinical Guidelines
- H. Patient / Family-Centered Care

2. Prenatal Stage

A. Prenatal assessment

- i. Complete physical assessment and review of systems.
- ii. Obstetric history.
- iii. Expected date of birth, Naegele's rule.
- iv. Nutritional status: Body Mass Index.
- v. Sexuality
- vi. Signs and symptoms of potential complications.
- vii. Screening and testing.

B. Psychosocial

- i. Support System.
- ii. Roles and relations.

C. Prenatal assessment skills.

- i. Prenatal Interview.
- ii. Fundal height measurement.
- iii. Leopold Maneuvers.

D. Cultural Assessment.

E. Safety and patient management.

- i. Infection control.
- ii. Patient identification.
- iii. Medication Safety.

- iv. Changes in patient medical condition.
- F. Therapeutic Interventions (NIC)
 - i. Admission care.
 - ii. Prenatal care.
 - iii. Surveillance: Late pregnancy.
- G. Anticipatory guidelines
 - i. Nutrition
 - ii. Expected pregnancy changes.
 - iii. Teratogens Exposure.
 - iv. Fetal monitoring.
 - v. Fetal growth and development.
- H. Documentation
- 3. Intrapartum Stage
 - A. Intrapartum assessment
 - i. Interview
 - B. Assessment Skills
 - i. Maternal-fetal condition
 - 1. Signs and symptoms of true labor
 - 2. Electronic fetal monitoring
 - 3. Labor progress assessment
 - 4. Signs and symptoms of potential complications
 - ii. Cultural Assessment
 - iii. Safety Patient Management
 - 1. Infection Control
 - 2. Patient Identification
 - 3. Medication Safety
 - 4. Changes in the patient's medical condition
 - iv. Sentinel Events
 - 1. Infant death and traumas during labor
 - 2. Hospital Acquired Infection
 - v. Therapeutic interventions
 - 1. Evidence-Based Practice
 - 2. NIC
 - a. Admission Care
 - b. Intrapartum Care
 - c. Pain Management
 - d. Birthing
 - e. High-Risk labor and delivery
 - f. Labor Induction
 - g. Documentation

4. Postpartum Stage

1) Interview

1. Postpartum Assessment Skills.
 - a. Cultural assessment.
 - b. Involution phase.
 - c. Episiotomy care.
 - d. Signs and symptoms of potential complications.
2. Patient Safety.
 - a. Infection Control.
 - b. Patient identification.
 - c. Fall risk prevention.
 - d. Changes in patient condition.
3. Therapeutic Interventions.
 - a. Evidence-Based Practice: Postpartum care guidelines.
 - b. NIC
 - 1) Admission Care.
 - 2) Anticipatory Guidance.
 - 3) Nutritional Management.
 - 4) Parental education – infant.
 - 5) Perineal care.
 - 6) Postpartum care.
 - 7) Documentation

5. Neonatal Care

1. Newborn Assessment
 - a. APGAR Score.
 - b. Vital Signs.
 - c. Anthropometric Measurements.
 - d. Gestational Maturity.
 - e. Elimination
 - f. Signs and Symptoms of potential complications.
2. Patient Safety
 - a. Patient identification.
 - b. Infection control.
 - c. Medication safety.
 - d. Fall risk prevention.
 - e. Changes in patient health condition.
3. Therapeutic Intervention
 - a. Evidence-Based Practice (Newborn care guidelines).
 - b. NIC
 - i. Admission care.
 - ii. Temperature regulation.
 - iii. Bonding and Attachment.
 - iv. Bottle feeding.
 - v. Breastfeeding attachment.

- vi. Newborn monitoring.
- vii. Newborn care.
- viii. Newborn Bathing.
- ix. Circumcision Care.
- x. Phototherapy: Neonate.
- xi. Documentation

V. ACTIVITIES

- a. Pre and post-conference
- b. Case studies
- c. Cultural Case Studies
- d. Clinical skills demonstration
- e. Group discussions

VI. EVALUATION

Criteria	Score	% Final Grade
Clinical Performance: <ul style="list-style-type: none"> • Clinical Hours (60 hours) • Practice Orientation • Clinical Documents (submitted before AW) 	100	50%
Case Study: <ul style="list-style-type: none"> • Educational Teaching Plan • Nursing Care Plan • Pharmacological Study • Patient History 	100	10%
ECOЕ- Final Exam	100	10%
Pharmacology Midterm Exam	100	10%
ATI modules/ Assignments	100	5%
Lab/ Clinical Simulation	100	15%
Total	600	100%

VII. SPECIAL NOTES

A. Auxiliary services or special needs.

All students who require auxiliary services or special assistance must request these at the beginning of the course or as soon as they know that they need them through the proper registry in the Office of the Coordinator of Services to Students with Disabilities, Dr.

María de los Angeles Cabello, located in the Counseling Program, Room 419, on the fourth floor of the John Will Harris Building, 787-250-1912, extension 2306.

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 offenses, 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 permanent expulsion from the University, among other sanctions.

C. Use of electronic devices.

Cellular telephones and any other electronic device that could interrupt the teaching and learning processes or alter the environment leading to academic excellence will be deactivated. Any urgent situation will be dealt with, as appropriate. The handling of electronic devices that allow students to access, store, or send data during evaluations or examinations is prohibited.

D. Compliance with the provisions of Title IX

The Federal Higher Education Act, as amended, prohibits discrimination because of sex in any academic, educational, extracurricular, and athletic activity or any other program or function sponsored or controlled by a higher education institution, whether it is conducted within or outside the property of the institution if the institution receives federal funds.

In harmony with the current federal regulation, in our academic unit an Assistant Coordinator of Title IX has been designated to offer assistance and orientation in relation to any alleged incident constituting discrimination because of sex or gender, sexual harassment, or sexual aggression. The Assistant Coordinator, Mr. George Rivera Rodríguez, at 787 250-1912, extension 2262, or email griverar@metro.inter.edu

The Normative Document Titled Norms and Procedures to Deal with Alleged Violations of the Provisions of Title IX is a document that contains the institutional rules to direct any complaint that appears to be this type of allegation. This document is available on the Web site of the Inter-American University of Puerto Rico (www.inter.edu).

VIII. EDUCATIONAL RESOURCES

Textbooks:

Lowdermilk, Cashion, Perry & Alden. (2019). Maternity & Women's Health Care. (12th ed.) Mosby. ISBN: 978-0275972264.

Lowdermilk, Cashion, Perry & Alden. (2019). Study Guide for Maternity & Women's Health Care. (12th ed.) Mosby. ISBN: 978-0323555265.

IX. BIBLIOGRAPHY (OR REFERENCES)

Bulechek, G, Butcher, H., Dochterman, J. & Wagner, C. (2019). *Nursing Interventions Classification (NIC)* (7th ed.) Mosby.

Herdman & Kamitsuru (2017). *Nursing Diagnoses 2018-2020: Definitions and Classification*. 11th ed. ISBN 978-1626239296. Thieme.

Johnson, M., Maas, M. & Moorhead, S. (2018). *Nursing Outcomes Classification (NOC)* 6th. Mosby.

Moorhead, Swanson & Johnson (2023). *Nursing Outcomes Classification (NOC): Measurement of Health Outcomes*. 7th ed. ISBN 0323882528 / 978-0323882521. Elsevier.

Nanda International Nursing Diagnoses: Definitions & Classification, 2018-2020.

Pagana, Pagana & Pagana (2021). *Mosby's Manual of Diagnostic and Laboratory Tests*. 7th ed. ISBN 0323697038 / 978-0323697033. Mosby.

Tucker (2022). *Lippincott Pocket Drug Guide for Nurses*. 11th ed. ISBN 1975198603 978-1975198602. Lippincott Williams & Wilkins.

Wagner, Butcher, Bulechek, Dochterman & Clarke (2023). *Nursing Interventions Classification (NIC)*. 8th ed. ISBN 032388251X / 978-0323882514. Elsevier.

Electronic Resources:

Informatics Access Center <http://www.cai.inter.edu/>

Center for Disease Control and Prevention <http://www.cdc.gov/>

Focus on National Institute on Minority Health and Health Disparities (NIMHD) <http://www.nimhd.nih.gov/>

Guidelines & Recommendations- Breastfeeding CDC. <https://www.cdc.gov/breastfeeding/recommendations>

Maternal, Infant and Child Health- Health People 2030.

<https://health.gov/healthypeople/objectives-and-data/browse-objectives/pregnancy-and-childbirth>

Pregnancy CDC

<https://www.cdc.gov/pregnancy/index.html>

World Health Organization Guidelines on Maternal, newborn, child,
and adolescent health.

<https://www.who.int/publications/i/item/WHO-MCA-17.10>

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