

**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 courses: NURS 1231, 1232. Corequisites courses: NURS 2141, 2233, 2234.

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, ant the use of technology as a provider and coordinator of care and as a future member of the profession. (BSN)

GENERAL OBJECTIVES

1. Identify anatomical, physiological, pathological, and biochemical changes that can affect normal functioning on the client during childbearing and early neonatal period.
2. Analyze the biopsychosocial and spiritual aspects of the reproductive cycle to promote 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 of 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. Cultural Diversity
- 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, 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 patient 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
 - i. 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. Clinical skills demonstration
- d. Group discussions

VI. EVALUATION

Criteria	Points	Percent
Clinical Performance	100	50%
• Contact Hours (60 hours)		
• Orientation to Assigned Clinical Scenario		
• Clinical Documents (Submitted before AW date)		
Clinical skills / simulations	100	10%
Pharmacology Exam (mid-term)	100	15%
ATI	100	5%
Case Study	100	10%
ECOE (final exam)	100	10%
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 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

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 in any other program or function, sponsored or controlled by a higher education institution, whether or not 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 the document that contains the institutional rules to direct any complaint that appears to be this type of allegation. This document is available in the Web site of Inter American University of Puerto Rico (www.inter.edu).

VIII. EDUCATIONAL RESOURCES

Lowdermilk, D.L., Perry, S.E. (2019) *Maternity & Women's Health Care* (12th ed.)

Mosby

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

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

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

Electronic Resources

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

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

Healthy people 2030. <https://www.healthypeople.gov/>

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