



**INTER AMERICAN UNIVERSITY OF PUERTO RICO
METROPOLITAN CAMPUS
SCIENCES AND TECHNOLOGY FACULTY
CARMEN TORRES DE TIBURCIO SCHOOL OF NURSING**

SYLLABUS

I. GENERAL INFORMATION

Course Title	:	PRACTICE MATERNAL NEONATAL CARE
Code and Number	:	NURS 2142
Credits	:	Two (2)
Academic Term	:	
Professor	:	
Office Hours	:	
Telephone	:	(787) 250-1912 Ext. 2202
Electronic Email	:	

II. DESCRIPTION:

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

III : OBJECTIVES

1. Demonstrate knowledge, skills, and therapeutic measures needed to provide humanistic care to the maternal and neonatal client while applying the nursing process.
2. Value the function of maternal-neonatal nursing as an essential provider of the health care system with the maternal-neonatal population.
3. Demonstrate competencies in nursing care of the maternal-neonatal client.

IV. COMPETENCIES ADDRESSED IN THIS COURSE

Knowledge

1. Demonstrate scientific and humanistic knowledge of the nursing discipline when analyzing biopsychosocial and spiritual aspects in the different stages of growth and development.
2. Know the nursing process as an instrument for making clinical decisions while offering a safe and quality care.

Skills

1. Demonstrate up-to-date clinical skills in therapeutic interventions when you offer care to the client throughout the continuum of health-disease in structured scenarios.
2. Demonstrate care management, coordination skills and effective collaboration as a member of the interdisciplinary team.
3. Use communication skills, critical thinking and the use of technology to maintain the quality of care offered to the client

Attitudes

1. Demonstrate responsibility and ethical-legal commitment with humanistic care in response to the changing needs of society.
2. Demonstrate responsibility and commitment with their own development and that of the profession.

V. 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

1. Interview

- a. Structured formats

b. Assessment skills

1. Maternal status

a. Psychosocial

1. Support System
2. Roles and relations

b. Physiologic

1. Blood Pressure
2. Nutrition: anthropometric measurements
3. Signs and symptoms of potential complications
4. Laboratory studies

2. Fetal Status

- a. Fundal height
- b. Fetal Heart Rate (FHR)

- c. Leopold Maneuvers
 - d. Laboratory studies
- 3. Cultural Assessment
- 4. Safety and patient management
- 5. Therapeutic Interventions
 - a. Admission care - 7310
 - b. Prenatal care – 6960
 - c. Surveillance: Late pregnancy - 6656
- 6. Anticipatory guidelines
 - a. Nutrition
 - b. Expected pregnancy changes
 - c. Teratogen Exposure (Teratogenicity)
 - d. Self-care
 - e. Insulin and other medications
 - f. Fetal monitoring
 - g. Fetal growth and development
- 7. Referral - 8100
 - a. Support groups
 - b. Health care agencies
- 8. Documentation - 7920

3. Intrapartum Stage

- a. Intrapartum assessment
 - 1. Interview
- b. Assessment Skills
 - 1. Maternal-fetal status
- c. Labor progress assessment
 - 1. S&S of potential complications
 - 2. Cultural Assessment
 - 3.. Safety Patient Management
- d. Sentinel Events
 - 1. Infant death and injury during delivery
 - 2.. Hospital Acquired Infections

4. Postpartum

- a. Postpartum assessment
 - 1. Interview
 - a. Involution phase
 - b. Episiotomy Healing Assessment REEDA
 - c. Signs and symptoms of potential complications
- b. Patient Safety

c. Patient management

1. Anticipatory Guidelines – 5210
2. Nutritional Management – 1100
3. Parental education – infant – 5568
4. Postpartal care – 6930
5. Documentation - 7920

5. Neonate

a. Neonatal Assessment

1. APGAR Score
2. Vital signs
3. Anthropometric measurements
4. Gestational maturity
5. Elimination
6. Signs and Symptoms of potential complications
 - a. Neonatal Jaundice

6. Mother

- a. Cultural Assessment
- b. Adaptation to the parental role
- c. Patient Safety

d. Therapeutic Intervention

1. Admission care - 7310
2. Temperature regulation – 3900
3. Bonding and Attachment – 6710
4. Breastfeeding assistance – 1054
5. Bottle feeding – 1052
6. Newborn monitoring – 6890
7. Newborn care – 6880
8. Newborn Bathing - 1610
9. Circumcision Care - 3000
10. Phototherapy: Neonate – 6924
11. Documentation – 7920

VI. ACTIVITIES

- a. Pre-Post conference
- b. Audio-visual resources
- c. Individual/faculty interactions
- d. Documentation (writing/computerized)
- e. Role modeling
- f. Case studies
- g. Simulations & scenarios
- h. Group discussions
- i. Structured patient care
- h. Written presentation: Application of Nursing Process
 1. Plan of Care
 2. Pharmacology study

3. Presentation, Demonstrates Results Laboratory Tests.

III. EVALUATION

Methodology	Score	% Final Grade
Clinical Performance	100	25
Case study	100	20
Documentation/Plan of Care	100	5
Pharmacologic Test	100	10
Homeworks	100	10
Skills	100	15
Attendance	100	10
ATI	100	5
TOTAL	800	100

Notes on Evaluation:

- Late assignments are not accepted unless prior arrangements have been approved by the instructor.
- Every student is required to meet a minimum passing grade of (70 %) to approve clinical practice
- If a student becomes ill he or she is required to notify their faculty. It is the student's responsibility to discuss with the clinical instructor the reason for the absence. The instructor will then notify the student of the possibility and requirements necessary to complete the course objectives.
- A student is required to attend all clinical days. Failure to comply with the requirements and stated objectives (even if it is related to the absence) will result in failure of the course.
- Required Equipment for practice
 1. Stethoscope with bell and diaphragm
 2. Black pen, pencil and notebook
 3. Interamerican University nursing uniform
 4. Student Id
 5. Bandage scissors
 6. Pen light
 7. Tape measure
- Students must submit these documents in original and a copy by week 2. If students refuse or are not able to meet any of the requirements, they will be unable to complete their practice or internship and, therefore, will not pass the practice or internship course or meet the graduation requirements of their academic program (General Catalog)
- Students are required to attend to the clinical orientation as scheduled by the agency, failure to attend will require the student to withdraw from the course
- The professor will assess the student's clinical skills prior to allow access to the clinical scenario.

IV. SPECIAL NOTES

A. Auxiliary Services or Special Needs

Any student that requires auxiliary services and/or special assistance must request it as soon as he/she knows he/she needs it. This request must be submitted through the proper registry at Mr. José Rodríguez.

B. Honesty, Fraud and Plagiarism

The lack of honesty, fraud, plagiarism and any other inadequate behavior in relation to academic work constitute major infractions sanctioned by General Student Regulations. Major infractions, according to General Student Regulation, may result in suspension from the University for a definite period of time greater than one year or the permanent expulsion from the University, among other scenarios.

C. Use of Electronic Devices

Cellular (mobile) telephones, IPODS, and any other electronic device that could interrupt the teaching-learning process or disrupt a milieu favorable for academic excellence will be deactivated. Critical situations will be dealt with in an appropriate manner. The use of electronic devices that permit access, storage or sending data during tests or exams is prohibited.

D. Special Requirements for Practice and Internship Centers

Some academic programs of the University require students to complete a practice or internship in a real work scenario as part of the degree requirements. These external centers may be state and federal agencies, hospitals and non-governmental offices among others. It is the student's responsibility to comply with the external practice center, these requirements may be drug tests, HIV tests, immunization certificate against hepatitis, health certificate, a negative criminal record, or any other requirement that the institution or practice center may stipulate. If students refuse or are not able to meet any of the requirements, they will be unable to complete their practice or internship and, therefore, will not pass the practice or internship course or meet the graduation requirement of their academic program.

E. Clinical areas in diverse scenarios

This course considers clinical practice in diverse scenarios: hospitals, diagnostic and treatment centers (CDT), prenatal care clinics, and simulation labs among others. There is a minimum of four weeks period, at the school laboratory to acquire skills before going to the clinical scenario. In the event of the occurrence of special situations which would be beyond of the School of Nursing an alternate plan would be considered.

RESOURCES

TEXT

- Lowdermilk, D.L., Perry, S.E. (2016) *Maternity & Women's Health Care* 11th ed. Philadelphia: Mosby
- Bulechek, G, Butcher, H., Dochterman, J., Wagner, C. (2013). *Nursing Interventions Classification (NIC)* 6th ed. Philadelphia: Mosby.
- Johnson, M., Maas, M. And Moorhead, S. (2013). *Nursing Outcomes Classification (NOC)* 5ta. Philadelphia: Mosby.
- Nanda International (2014) *Nursing Diagnoses- Definitions and Classification 2015-17* 10 ed. Wiley - Blackwell.

AUDIOVISUALS

Anatomic Models

Videos:

V2267	Pregnancy and Birth
V1076	Leopold's Maneuvers
V2432	Fetal Assessment Visit
V2171	AIDS Precautions in the Delivery Room and Nursery
V3004	Birth: Eight Women's Stories
V2062	Postpartum Nursing Assessment: The Twelve Point Check
V2019	Post Natal Exercise
V1173	Gestational Age Assessment
V2235	Physical Assessment of the Normal Newborn
V2230	Perinatal Assessment of Maturity
V2268	The Newborn
V2236	Techniques in Newborn Screening and Specimen Collection

Childbirth Graphics Charts

Internet resources

X. BIBLIOGRAPHY

- Carpenito, L.J. (2012). *Nursing Diagnosis: Application to Clinical Practice* 14 ed. Philadelphia: Lippincott.
- Pilliteri, Adele. (2013). *Maternal and Child Health Nursing* (7th ed.) Philadelphia: Lippincott.

ELECTRONIC ADDRESSES

US Department of Health and Human Services, Healthy People 2010-2020: Maternal, Infant and Child Health	http://www.healthypeople.gov/hp2020/Objectives/TopicArea.aspx?id=32&opicArea=Maternal%2c+Infant+and+Child+Health
National Guideline Clearinghouse™ (NGC) Database of clinical practice guidelines	guideliness.gov
National Asociation of Pediatric Nurse:breastfeeding	www.napnap.org/Docs/breastfeeding%20laws.pdf
Nanda Internacional: Nursing Diagnostic Terminology	<u>www.nanda.org</u>
Team STEPPS – SBAR (módulo #6 communication)	http://www.teamstepps.ahrq.gov
Cutural competence	http://www.transculturalcare.net/Cultural_Competence_Model.htm