

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

SYLLABUS

I. GENERAL INFORMATION

Course Title	:	PRACTICE OF FUNDAMENTALS OF NURSING
Code and Number	:	NURS 1112
Credits	:	TWO (2)
Academic Term	:	
Professor	:	
Office Location and Hours	:	
Office telephone	:	787-250-1912 EXT 2202
Email	:	

II. DESCRIPTION

Application of the nursing process in adult care with common dysfunctions in functional health patterns that support physical functioning. Initiation of the development of clinical skills to exercise the areas of competence of care provider. Requires a total of 90 lab hours in diverse scenarios. Concurrent with NURS 1111 and NURS 1130.

III. OBJECTIVES

TERMINAL OBJECTIVES

It is expected that upon completing the course, the student should be able to:

1. Demonstrate care management coordination skills and effective collaboration as a member of the interdisciplinary team. (AASN)
2. Use assessment and therapeutic skills when providing nursing care in diverse scenarios so they can improve the expected health care results. (BSN)

GENERAL OBJECTIVES

1. Demonstrate at the basic level safe nursing skills, humanistic and evidence-based by offering care to the stable, acute and chronic adult in various scenarios.
2. Apply effective communication skills within the interpersonal, intercultural, teamwork and use of technology context when intervening with the adult.
3. Execute clinical skills to prevent disease, promote, protect and maintain adult health.
4. Create a Care Plan that integrates the Health Pattern Model Marjory Gordon

- to provide safe, quality care.
5. Apply evidence-based nursing interventions.

IV. COURSE CONTENT

Unit I. Clinical skills of nursing interventions according to the functional pattern of health.

A. Scientific principles and skill development in Functional Health Patterns.

1. **Security** (Application of Measures)

- a. National Patient Safety Goals - Joint Commission for Accreditation of Health Organizations (JCAHO).<http://www.jointcommission.org/PatientSafetyGoals/>.
- b. Institute of Medicine of National Academy of Sciences (IOM).
- c. National Patient Safety Foundation (NPSF).
- d. "I'M SAFE" check list.

2. **Pattern: Perception and Health Management**

- a. Prevention of the transfer of microorganisms (Application of Integrated Sciences in Skills).
- b. Infection control:
 - 1) Asepsis Measures
 - a. Hand hygiene (dry wash and with soap and water). [CDC]
 - 2) Universal precaution:
 - a. Protective measures: mask, glasses and gloves.
 - b. Insulation
 - c. Ambient Management:
 - 1) Physical security
 - a. Fall prevention.
 - b. Protocols for physical restriction.
 - 2) Personal hygiene of the patient.
 - 3) Unit Arrangement.

3. **Pattern: Activity and Exercise Functional.**

- a. Body mechanics
- b. Alignment and mobility.
- c. Active and passive movements.
- d. Change of position, transfer and ambulation.
- e. Cardiorespiratory surveillance.
 - 1) Pulse
 - 2) Breathing
 - 3) Blood Pressure
 - 4) Oxygen saturation

4. **Pattern: Metabolic Nutritional**

- a. Nutritional History
- b. Weight and Height
- c. Thermoregulation
 - 1) Temperature
- d. Tegumentary System
 - 1) Maintain skin integrity mucous membranes
 - 2) Injuries of the skin tissue.

5. Pattern: Elimination

- a. Placement of female bedpan and male urinal
- b. Intake and Outcome (I&O)
- c. Evaluation of stool.

6. Pattern: Rest – Sleep

- a. Sleep history
- b. Resting environment

7. Pattern: Perceptual Cognitive

- a. Pain assessment
- b. Relaxation technique's

Unit II. Applying the Nursing Process by Offering Adult Care

A. Nursing Process

1. Assessment

- a. Application of the Cultural Competence Model.
- b. Communication Technique's
 - 1) Team STEPPS
 - 2) SBAR
 - 3) Interview
 - a) Health History based on Functional health Patterns.
 - b) Therapeutic Communication

2. Nursing Diagnostics

- a. Diagnostic according to NANDA.
- b. Technology integration.

3. Planning and Expected Results (NOC)

- a. Expected results according to NOC.
- b. Indicators
- c. Establishment of priority diagnostic.
- d. Selection of Nursing Intervention (NIC).

4. Implementation

- a. Interventions of Nursing Activities.
- b. Scientific Rational.

5. Evaluation

- a. Measuring achievement of expected.

- b. Documentation of the result obtained.

V. ACTIVITIES

1. Pre and Post Conference
2. Assigned reads and other assignments.
3. Demonstrations
4. Group Discussion
5. Audiovisual Resources.
6. Clinical simulation.
7. Case Study
8. Application of the nursing process.
9. ATI.

VI. EVALUATION

CRITERIA	POINTS	PERCENT
Short Tests (2)	100	15%
Clinical Skills Assessment.	100	35%
Care plan, education plan and documentation	100	20%
ATI modules		5%
Clinical Simulation	100	5%
Clinical Execution (ECOIE)	100	10%
Contact hours	100	10%
TOTAL	500	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 Guidance Office with Dr. María de los Ángeles Cabello at email mcabello@metro.inter.edu

B. Honesty, fraud, and plagiarism

Dishonesty, fraud, plagiarism, and any other inappropriate behavior in relation to academic work constitutes major infractions sanctioned by the General Student Regulations. The major infractions, as stated in the General Student Regulations, may have as a consequence, suspension from the University for a definite period greater than one year or the permanent expulsion from the University, among others 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 current federal regulations, 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, can be reached by phone at (787) 250-1912 extension 2147, or by e-mail grivera@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

Textbook

Craven, RF, Hirnle, CJ, & Henshaw, C. (2020). Fundamentals of nursing: Concepts and competencies for practice (9th ed.). Philadelphia: Wolters Kluwer. ISBN: 978-1-975-12042-9

Patton, KT, & Thibodeau, GA (2018). Anthony's Textbook of Anatomy & Physiology. St.Louis, MO: Elsevier. 21st Edition ISBN: 978-0-323-52880-1

Electronic Resources

American Association of Colleges of Nursing <http://www.aacn.nche.edu/education-resources/essential-series>

American Nurses Association (ANA) <http://www.nursingworld.org/>.

Colegio de Profesionales de la Enfermería de P.R. <http://cpepr.org/reglamento.htm>
<http://www.cpepr.org/codigodeetica.htm>

Electronic health Record (EHR) <https://www.cms.gov/Medicare/E-health/EHealthRecords/index.html>

Estadísticas vitales de PR [Informe Anual Estadísticas Vitales - Inventario de Estadísticas - PR.gov](#)

Ética <http://lce.coqui.org/bioetica>

Information Access Center-CAI <http://www.metro.inter.edu/centro-acceso-informacion/>

Leyes y jurisprudencia de P.R. <http://www.lexjuris.com>

Manejo del dolor <http://www.ahcpr.gov/clinic>

National Institute of Nursing Research (NIH) <http://www.nih.gov/ninr/>.

National Patient Safety Goals
<http://www.jointcommission.org/PatientSafety/NationalPatientSafetyGoals/>

OSHA <https://www.osha.gov/>

Práctica basada en la evidencia en la evidencia (EBP) www.cochrane.org/

Profesionalismo y valores personales <http://www.nursetogether.com/professionalism-in-nursing-what-does-it-re>

Transcultural <http://transculturalcare.net/>

U.S. Census Bureau <http://www.census.gov>

U.S. Centers for Disease Control (CDC) <http://www.cdc.gov/spanish/default.htm>

U.S. Department of Health & Human Services Agency for Healthcare Research & Quality <http://teamstepps.ahrq.gov/>

STANDARD NURSING CARE PLANS

Clasificación (NOC) de Resultados Esperados <http://www.nursing.uiowa.edu/noc>

Cuidados de Enfermería Planes de Cuidado Estandarizados
<http://teleline.terra.es/personal/duenas/home.htm>
<http://www.nursingworld.org/ojin/tpc7/tpc71.htm>

Diagnósticos de Enfermería (NANDA) <http://www.nanda.org>

Intervenciones de Enfermería (NIC) <http://www.nursing.uiowa.edu/nic>