



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

SYLLABUS

I. GENERAL INFORMATION

Course Title: Foundations of Nursing
Code and Number: NURS 1111
Credits: 4 credits
Academic Term:
Professor:
Office Hours:
Telephone: 787-250-1912 EXT. 2159
Electronic Mail:

II. DESCRIPTION

Introduction to the nursing profession and its historical evolution. Emphasis on the principles of the conceptual frame and the concepts of the Program. Includes the ethical, legal and moral aspects based on the practice standards. Discussion of the nursing process for adult care with common interferences in the functional health patterns that support physical processes. Integration of the principles and basic concepts of growth and development psycho-physiological aspects, considering cultural diversity within a safe environment. Corequisites NURS. 1112, 1130.

III. OBJETIVES

1. Explain the significant historical events and the contribution of several theorists that distinguish the profession of nursing.
2. Describe the principles and concepts of the conceptual framework of the Program, ethical, legal and moral based on the standards of practice.
3. Discuss the various components that are included in the standards of the professional judgment and care in the nursing process.
4. Discuss the nursing process as a tool for the care of the adult humanist, considering the functional patterns of health.
5. Describe basic concepts of growth and development, physiological processes and aspects of the human being considering their cultural diversity within a secure environment.

IV. THEMATIC CONTENT

A. Historical evolution of Nursing

1. History
2. Theoretical models and conceptual frameworks of nursing
 - a) Definition of concepts
 - b) Theoretical contribution
 1. Florence Nightingale (1860) - Environmental Theory
 2. Virginia Henderson (1955) - Theory of Need
 3. Martha Rogers (1970) - Human beings Unit
 4. Dorothea Orem (1971) - Theory of self-care
 5. Sister Calista Roy (1979) - Theory of Adaptation
 6. Jean Watson (1979) - Philosophy and Model of Care
 7. Madeleine Leininger (1991) - Transcultural Nursing
 8. Josepha Campinha Bacote - Transcultural Model
 9. Hildegard Peplau - Interpersonal Theory

b) Theories from other disciplines used in Nursing

1. Theory of the Human Needs by Abraham Maslow.
2. Theory of Change
3. General Theory of Systems

c) Conceptual framework of functional health patterns

3. Roles of the profession

a) Roles

- a. Provider of care
- b. Member of the profession
- c. Coordinator of care

b) Expanded Roles

- a. Investigator
- b. Clinical Specialist
- c. Nurse Practitioner
- d. Nurse Midwife
- e. Managerial roll
- f. Others

c) Levels of Preparation

- a. Licensed Practical Nurse
- b. Associate Degree Nurse
- c. Bachelors Degree Nurse
- d. Nurse Specialist

d) Professional nursing organizations

- a. National Association of Nursing (A.N.A.)
- b. National League of Nursing (N.L.N.)
- c. International Council of Nursing (I.C.N.)
- d. Nursing student Association
- e. College of Nursing professionals of Puerto Rico (C.P.E.P.R.)

- f. Honor Society of Nursing (Sigma Theta Tau)
- e) Professional standards
 - a. Of care
 - i. Nursing Process
 - b. Professional execution
 - ii. Quality of care
 - a. Patient Safety Goals
 - b. TeamSteps
- f) Practice Settings
 - x. Hospital
 - xi. Home care
 - xii. Private business
 - xiii. Community
 - xiv. Others

B. Dimensions of Practice

1. Nursing Practice
2. Nursing Education
3. Role of research in Evidence Based Practice
4. Tendencies of the profession

C. Ethical legal and moral aspects

1. Definition of concepts:
 - a. Morality
 - b. Ethics
 - c. Values
 - d. Principles
 - e. Culture
 - f. Others
2. Principle of health care ethics:
 - a. Respect for autonomy
 - b. Justice
 - c. Beneficence
 - d. Non-maleficence
3. Ethical rules of the professional relationship-customer.
 - a. Veracity
 - b. Fidelity
 - c. Confidentiality
 - d. Privacy
4. Code of Ethics
 - a. A.N.A.
 - b. College of nursing professionals of Puerto Rico
5. Legal aspects
 - a. Definition of concepts
 - b. Legal principles
6. Laws and regulations of the practice

- a. Law #9 (Law to regulate the practice of nursing in the Commonwealth of Puerto Rico from 1987) and the amendment of Law #254
 - b. Law #82 (Law to establish the College of Nursing Professionals in Puerto Rico of 1973) and its amendments.
 - c. Law #11 (Law on Registration of health professionals in Puerto Rico 1976).
 - d. Law #139 (Good Samaritan Law of 1976) and the amendments.
 - e. HIPAA Insurance Portability and Accountability Act (Health 1996)
 - f. Law #408 (Mental Health Act of Puerto Rico 2000).
 - g. EMTALA Law (Law of emergency medical treatment and labor 1986).
 - h. OSHA Law (Administración de Seguridad Laboral y Salud de 1970).
- 7. Values of the Profession
 - 8. Code of Ethics
 - 9. Decision-making Model
 - 10. Advocacy
 - 11. Nursing as an agent of change
- D. Legal Aspects of Nursing
- 1. Legal Concepts of Nursing
 - 2. Legal Aspects of Nursing
 - 3. Areas of Possible Violations
 - 4. Legal Responsibility of the Practice
 - 5. Legal Responsibility of the Student
- E. Conceptual Framework of the Nursing Program
- 1. Mission
 - 2. Philosophy
 - 3. Definition of Concepts:
 - a. Person
 - b. Society
 - c. Health
 - d. Nursing
 - e. Education in Nursing
 - 4. Conceptual Framework of the Curriculum:
 - a. Horizontal Concepts:
 - i. Nursing Process
 - 1. Diagnostic Reasoning
 - 2. Therapeutic Reasoning
 - ii. Humanistic Care
 - 1. Patient centered care
 - 2. Values:
 - a. Professional
 - b. Human dignity
 - iii. Cultural Competency:
 - a. Cultural desire
 - b. Awareness

- c. Knowledge
 - d. Skills
 - e. Interactions
- b. Vertical Concepts:
- i. Welfare - Disease
 - ii. Communication
 - 1. TeamStepps
 - 2. Computer science
 - iii. Research: Evidence Based Care
 - iv. Leadership and Management
- F. Introduction to the Nursing Process
- 1. Definition of the Nursing Process
 - 2. Phases of the Nursing Process
 - Assessment
 - 1. Introduction to the Functional Health Patterns of Health
 - 2. Communication Process:
 - Interview - Nursing History
 - Documentation of Interview
 - Different Formats
 - 3. Confidentiality – HIPAA law
 - 4. Nursing Diagnosis (NANDA):
 - Subjective and Objective Data Assessment
 - a) Skills and Critical thinking
 - b) Analysis and Synthesis
 - c) Formulation of Diagnosis
 - d) Diagnosis Categories
 - e) Types of Diagnosis
 - 5. Nursing Interventions
 - 6. Nursing Outcomes
- G. Physiological aspects
- 1. Definition of concepts:
 - a. Biology
 - b. Life
 - c. Anatomy
 - d. Physiology
 - 2. Planes and Body Cavities:
 - a. Body Planes
 - b. Directional Terms
 - c. Body Cavities
 - 3. Levels of Organization:
 - 1) Cell:
 - 2) Tissue

- 3) Organs
 - Structure and Function
 - Cellular Transport
 - Cellular Environment
 - Cellular Division
 - a. Mitosis
 - b. Meiosis
 - Types and functions
 - Types and function
- 4) Body Systems
 - Structure and Function

Growth and Development of the Adult:

1. Concepts, Principles and Theories.
2. Factors that Influence Growth and Development
3. Growth and Development
4. Physical changes, Psychosocial, psychosocial, cognitive y moral.
5. Health Concepts – Disease and Wellness
6. Problems of Growth and Development

5) Nursing Interventions in the Functional Health Patterns:

Selections of intervention activities for dysfunctional health patterns are introduced and nursing process considered in order to evaluate physiological functional health pattern.

Pattern: Health Perception and Management

- a. Health beliefs and practices
 - 1) Cultural Brokerage (7330)
 - 2) Health Screening (6520)
 - 3) Health System Guidance (7400)

Pattern: Nutritional – Metabolic

- a. Nutritional Management (1100)
 - 1) Nutritional Requirements
 - 2) Nutritional Plan
- b. Care of the Skin
 - 1) Tissue Integrity: skin and mucous membranes (1101)
 - 2) Skin Care: Topical Treatment (3584)

Pattern: Elimination

- a. Systems of Elimination
 - 1) Intestinal Elimination (0501)
 - 2) Urinary Elimination (0590)

Pattern: Activity- Exercise

- a. Exercise Promotion (0200)
 - 1) Strength Training (0201)
- b. Environmental Management:
 - 1) Safety (6486)
 - 2) Fall Prevention (6490)

c. Respiratory Monitoring (3350)

1) Oxygenation

Pattern: Sleep Rest

a. Sleep Enhancement (1850)

- 1) Physiology of Sleep
- 2) Sleep Cycles
- 3) Functions of Sleep
- 4) Factors Affecting Sleep
- 5) Measures that promote rest and sleep

Pattern: Cognitive – Perceptual

a. Pain Management (1400)

- 1) Pain Perception
- 2) Physiology of Pain
- 3) Factors affecting the pain experience.
- 4) Comfort

ACTIVITIES

- Conferences
- Small and large group discussions
- Analysis of scenarios
- Audiovisual resources
- Assigned Individual Readings
- Discussion of Articles
- Internet Search

VII. EVALUATION

CRITERIA	PUNCTUATION	% FINAL GRADE
1. 2 Partial Exams	200	50%
2. Final Exam or evaluation equivalent	100	20%
3. Assignments and/or Quizzes and/or Oral Presentations	100	10%
4. Attendance	100	10%
5. Clinical Documents	100	5%
6. ATI	100	5%
TOTAL	700	100%

VII. SPECIAL NOTES

A. Supporting Services or Special Needs

All students who require additional services or special assistance must request these at the beginning of the course or as soon as they acquire knowledge that they need them, through the the Office of University Orientation on Campus. This process must be carried out through the corresponding registration in the office of Professional Counselor José Rodríguez, Coordinator of Services to Students with Disabilities. His office is located in the University Orientation Program on the first floor on Campus. His email is: jrodriguez@metro.inter.edu

You can also call: 787-250-1912, EXT. 2306

B. Honesty, Fraud, and Plagiarism

The lack of honesty, fraud, plagiarism, and any other inadequate behavior in relation to academic work constitutes 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 sanctions.

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 accessing, storing or sending data during tests or examinations is prohibited.

D. Compliance with the provisions of Title IX

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

As provided by current federal regulations, our Academic Unit has designated an Assistant Title IX Coordinator who will provide assistance and guidance regarding any alleged incidents of discrimination based on sex or gender, sexual harassment or sexual assault. You can contact the Assistant Coordinator, George Rivera, Security Director, at 787-250-1912, extension 2147, or email grivera@metro.inter.edu.

The Normative Document entitled Standards and Procedures for Responding to Alleged Violations of Title IX Provisions is the document that contains the institutional rules for channeling any complaint that is based on this type of allegation. This document is available on the website of the Inter-American University of Puerto Rico (www.inter.edu).

E. Special Requirements of 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 nongovernmental organizations, among others. It is the student's responsibility to comply with the external practice center, these requirements may be

doping tests, HIV tests, an immunization certificate against hepatitis, a 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 requirements of their academic program.

F. Compliance with the provisions of Title IX

If an institution receives federal funding, the law on graduate higher education as amended prohibits discrimination on the basis of sex in any academic activity, education, extracurricular, athletic or any other program or employment sponsored or controlled by an institution of higher education independently of it being celebrated within or out of the territories of the institution, if the institution receives federal funding.

In accordance to the federal regulations, our academic unit has designated a coordinator Title IX auxiliary, which will offer assistance and orientation in regards to any a ledge incident related to discrimination based on sex or gender, sexual harassment or sexual assault. Contact the Auxiliary Coordinator George Rivera, Security Director, at phone number 787-250-1912, extension 2147, or email grivera@metro.inter.edu.

The regulatory document entitled rules and procedures that address alleged violations of the provisions of title IX is the document containing institutional rules to channel any complaint addressing on this type of allegation. This document is available on the gateway of the Interamerican University of Puerto Rico (www.inter.edu)

G. Clinical practice in diverse scenarios

This course considers clinical practice in diverse scenarios such as hospitals, diagnostic and treatment centers (CDT), elderly care centers, extended care centers, and simulation laboratories, among others. There is a minimum of an 8 weeks period at the school laboratory to acquire skills before going to the clinical scenario. In the event of an occurrence beyond the control of the School of Nursing, an alternate plan would be considered.

A. RESOURCES

Textbook: Craven, R. (2017). *Fundamental of Nursing: Human Health and Function*. 8th ed. Philadelphia: Lippincott.