

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

SYLLABUS

I. GENERAL INFORMATION

Course Title	:	Introduction to the Nursing Research Process
Code and Number	:	NURS 3115
Credits	:	Three (3)
Academic Term	:	
Professor	:	
Office Hours	:	(787) 250-1912 Ext. 2159 and 2202.
Contact Information	:	
Email	:	

II. DESCRIPTION

Discussion of the research process and the ethical legal considerations. Application and evaluation of the practice based on the evidence for health problem solving. Research assessment for the development of the best practices in the profession. Corequisites: NURS 3100 and 3120.

III. OBJECTIVES

END OF PROGRAM STUDENT LEARNING OUTCOMES (GRADUATE PROFILE OF COMPETENCIES).

1. Know critical thinking skills to make critical judgments and to use research findings for the continuous improvement of nursing practice. (BSN)

COURSE STUDENTS LEARNING OUTCOMES

1. Discuss the research process and evidence-based practice in nursing.
2. Analyze the legal ethical aspects in the investigation.
3. Criticize research for the development of best practices in nursing.
4. Design an evidence-based nursing research project to solve health problems.

V. CONTENT

1. Foundations of Nursing Research and Evidence- Based Practice

- 1.1 Introduction to Nursing Research in an Evidence-Based Practice

Environment.

1.2 Evidence-Based Nursing: Translating Research Evidence into Practice.

1.3 Key Concepts and Steps in Qualitative and Quantitative Research.

2. Conceptualizing and Planning a Study to Generate Evidence for Nursing

2.1 Research Problems, Research Questions, and Hypotheses.

2.2 Literature Reviews: Finding and Critiquing Appraising Evidence.

2.3 Theoretical Frameworks.

2.4 Ethics in Nursing Research.

2.5 Planning a Nursing Study.

3. Designing and Conducting Quantitative Studies to Generate Evidence for Nursing

3.1 Quantitative Research Design.

3.2 Rigor and Validity in Quantitative Research.

3.3 Specific Types of Quantitative Research.

3.4 Sampling in Quantitative Research.

3.5 Data Collection in Quantitative Research.

3.6 Measurement and Data Quality.

3.7 Different Types of Data Statistics (Descriptive, Inferential & Multivariate).

3.8 Processes of Quantitative Data Analysis.

3.9 Clinical Significance and Interpretation of Quantitative Results.

4. Designing and Conducting Qualitative Studies to Generate Evidence for Nursing

4.1 Qualitative Research Designs and Approaches.

4.2 Sampling in Qualitative Research.

4.3 Data Collection in Qualitative Research.

4.3 Qualitative Data Analysis.

4.4 Trustworthiness and Integrity in Qualitative Research.

5. Designing and Conducting Mixed Studies to Generate Evidence for Nursing.

5.1 Basics of Mixed Methods Research.

6. Building an Evidence Base for Nursing Practice.

6.1 Systematic Reviews of Research Evidence.

VII. ACTIVITIES

A. Conference or Lecture.

B. Cooperative and collaborative group work.

C. Special group assignments and classroom written exercises.

D. Journal articles appraisal.

E. Group discussion.

F. Oral presentation.

G. CAI - Database Search.

VIII. EVALUATION

CRITERIA	POINTS	PERCENT
2 Partial Exams	100 points	40%
Comprehensive Final Exam	100 points	20%
Proposal Project	100 points	35%
Contact Hours	100 points	5%
TOTAL	400 points	100%

IX. 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 with academic work constitute major infractions sanctioned by the General Student Regulations. As stated in the General Student Regulations, the major infractions General Student Regulations, may be suspension from the University for a definite period greater 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 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 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 Inter-American University of Puerto Rico (www.inter.edu).

XI. EDUCATIONAL RESOURCES

Textbooks:

Polit & Tatano-Beck. (2020). *Nursing Research: Generating and Assessing Evidence for Nursing Practice*.(11th ed.). Lippincott Williams & Wilkins. ISBN: 197-5110641978

Publication Manual 7th Edition of the American Psychological Association. (2019). American Psychological Association (7th ed.). ISBN: 978-1433832154

Reference Books:

Ling Pan, M. (2008). *Preparing literature reviews: qualitative and quantitative approaches*. Glendale, CA: Pycszak Publishing.

Polit, D. F., & Beck, C. T. (2020). *Nursing research: principles and methods* (8th ed.). Philadelphia: Lippincott.

Polit, D. & Tatano-Beck,C. (2018). *Essentials of nursing research: appraising evidence for nursing practice* (9th ed.). Philadelphia, PA: Lippincott.

Rebar, C.R., Gersch, C.J., Macnee, C.L. & McCabe, S. (2011). *Understanding nursing research: using research in evidence-based practice*. Philadelphia, PA: Lippincott.

XII. Electronic References:

Information Center Access (CAI)
<http://cai.inter.edu>

REV. January 2023.