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

SYLLABUS

I. COURSE TITLE

Course code & number  NURS 1232
Credits  Two (2)
Academic term
Professor
Office hours
Electronic Address

II. DESCRIPTION

Application of the nursing process in the care of the adult with acute and chronic health care
dysfunctions integrating skills in communication, health care administration, and research.
Emphasis in the management of dysfunctions in the health patterns of health perception-
management, nutrition-metabolic, and elimination. Clinical practice in diverse settings.
Required 90 laboratory hours. Required: NURS 1121, 1122, & 1130. Concurrently with NURS 1231

III. TERMINAL OBJECTIVES

1. Utilizes critical thinking skills while offering a safe, effective, efficient, timely, and equitable basic
direct care to patients/clients with acute and chronic dysfunctions of health related to the functional
patterns: health perception and health management, nutritional-metabolic, and elimination. (Nursing process)

2. Offers humanistic care that is patient centered considering their needs, values, preferences, and cultural insights. (Humanistic care).

3. Demonstrates competence in therapeutic evidence-based interventions with rational that includes anatomy, pathophysiology, microbiology, biochemistry, and environmental concepts. (Wellness/Illness)

4. Initiates the use of effective verbal and nonverbal communication, including information technology skills to support quality patient/client care and teamwork. (Communication)

5. Apply evidence-base knowledge for decision making processes as guided by nursing faculty when offering nursing care to adult patients/clients within the context of their family. (Research)

6. Demonstrate basic leadership characteristics and management skills within the nursing teamwork in order to facilitate patient safety and quality of care. (Leadership and Management)

7. Demonstrate responsibility and commitment for lifelong learning within the profession. (Leadership and Management)
IV. CONTENT

A. Health Pattern: Health Perception-Health Management

Unit I. Fundaments of Medical-Surgical Nursing

Patient Safety Goals Clinical Competencies

   a. Goal 1- Improve the accuracy of patient identification
      • Use of Two Patient Identifiers
   b. Goal 2-Improve the effectiveness of communication among caregivers
      • Timely Reporting of Critical Tests and Critical Results
   c. Goal 3- Improve the safety of using medications
      • Labeling medications
      • Reducing harm from anticoagulant therapy
   d. Goal 7- Reduce the risk of health care-associated infections
      • Meeting Hand Hygiene Guidelines
      • Preventing multidrug-resistant organism infections
      • Preventing Central Line –Associated Blood Stream Infections
      • Preventing Surgical Site Infections
   e. Goal 8 – Accurately and completely reconcile medications across the continuum of care
      • Comparing current and newly ordered medications
      • Communicating Medications to the Next Provider
      • Providing a Reconciled Medication List to the Patient
   f. Goal 9- Reduce the risk of patient harm resulting from falls

2. “Team STEPPS” strategies
   a. I’M SAFE
   b. SBAR
   c. I PASS THE BATON”

3. Cultural Competency tutorial
4. Evidence – based nursing tutorial
5. Admissions
   a. Present on Admission Indicators
6. Discharge and continuity of care
7. Transfer
8. Health Literacy, Teach back (Patient education)
9. Medical order transcription
10. Nursing documentation
Unit II Care of the Perioperative Patient

1. Pre-Operative Care
   a. Preoperative Checklist
   b. Spirometry
   c. Anti-embolic stocking and devices

2. Intraoperative Care
   a. Surgical hand washing, surgical gown, gloves, mask
   b. Universal Protocol
      i. Conducting a Pre-Procedure Verification Process
      ii. Marking the Procedure Site
      iii. Performing a Time-Out

3. Post Anesthesia Care Unit (PACU)
   a. Hands off report
   c. Care of surgical drains
      • Jackson-Pratt
      • Hemovac
      • Penrose

4. Post-Operative
   a. Hands off report
   b. Sterile field preparation
      • Surgical wound care
   b. Acute Pain Management
      • Clinical Guideline Acute Pain
      • Patient Control Analgesia (PCA)
      • Medications for Pain
         o Narcotics
         o Nonnarcotics

B. Unit III. Functional Health Pattern: Nutritional Metabolic Practice
   1. Nasogastric Tube (Salem sump and Levin) and gastrostomy tube
      a. Insertion of nasogastric tube
      b. Maintence of nasogastric tube
      c. Enteral feeding procedure
      d. Enteral feedings products
      e. Kangaroo pump
      f. Gastric suction set up
      g. Medication administration

   2. Total Parenteral Nutrition

   3. Intake and Output

   4. Fluid and Electrolyte Monitoring

   5. Medication Administration: Insulin
6. Medication Administration: Oral hypoglycemics

8. Venupuncture
   a. Blood samples
   b. Blood cultures

9. Intravenous
   a. Insertion of IV
   b. Maintenance of IV
   c. IV medication administration

10. Pressure Ulcer
    1. Prevention of pressure ulcer
    2. Braden Scale
    3. Treatment of pressure ulcers

D. Unit III. Functional Health Pattern: Elimination
   1. Urinary elimination
      a. Insertion of indwelling
      b. Maintenance of indwelling urinary catheter
      c. Maintenance of three-way indwelling catheter

   2. Intestinal Elimination
      a. Enema administration
      b. Ostomy care

V. ACTIVITIES

A. Clinical portfolio
B. Clinical diary; documentation of 90 hrs
C. Pre y Post Conference
D. Case study
E. Simulated clinical practice
F. Supervised clinical practice
G. Hands off reporting
H. Patient educational Plan
I. Internet search
J. Pharmacology study
K. Internet tutorial
L. PICO
K. Clinical skills competency evaluation
M. ATI
VI. EVALUATION

A. Professional Concepts

1. Leadership and Management (Patient Safety Goals 2010"
2. Humanistic Care: Cultural Competency
3. Communication Concepts: "Team STEPPS"

B. Nursing Process

1. Evidence-Based Practice – PICO format.
2. Clinical Practice Guidelines

C. Competency Safe Medication Administration

1. Medication Calculation
2. Pharmacology

D. Health Literacy and Teach Back (Patient Education)

C. Competency Clinical Skills

Total

20%

20%

20%

20%

100%

VII. SPECIAL NOTES

1. All students who require auxiliary services or special assistance should apply at the beginning of the course or as soon as they acquire the knowledge of the needs, through registration with the Office of the Professional Counselor, Professor José Rodriguez located in the University Orientation Program.

2. Honesty, fraud and plagiarism (General Student Regulations (Chapter V, Article 1)
Plagiarism, the lack of honesty, fraud and the manipulation of falsification of information are contrary to institutional principles and norms and are subject to disciplinary sanctions, as established in Chapter V Article 1, of these regulations. Major infractions, as General Students Regulations dispose, can have consequences of suspension of the University for a definite time of more than one year, permanent expulsion from the University, or other sanctions.

3. All cellular phones and any other electronic devices that might interrupt the learning and teaching process or alter the environment that conduces to academic excellence must be deactivated. Special situations must be taken care of, accordingly. The use of electronic devices that allow access, storage or sending of information during evaluations or tests is prohibited.

4. Clinical attendance is mandatory and is assigned a value of 100 points. Points will taken off for each day of absence. Class will start at the designated time.

5. Exams will start on time. Students will not be allowed into the classroom after exam has started. No makeup exams will be given except for serious documented valid reason. No make ups for oral reports.

IX. EDUCATIONAL RESOURCES

Prof. Alice Santiago & Carmen Padilla 2010
Textbooks


X. BIBLIOGRAPHY

Textbooks


Electronic Resources

AGENCY FOR HEALTHCARE RESEARCH AND QUALITY (CLINICAL PRACTICE GUIDELINES)
http://www.ahrg.gov/clinic/cpgonline.htm

AMERICAN NURSES ASSOCIATION (NURSES CODE OF ETHICS & NURSING STANDARDS)

Prof. Alice Santiago & Carmen Padilla 2010
http://www.nursingworld.org

COLEGIÓ PROFESIONALES DE ENFERMERÍA DE PUERTO RICO (CÓDIGO DE ÉTICA Y ESTÁNDARES DE ENFERMERÍA)
http://www.cpepr.org

NATIONAL COUNCIL STATE BOARDS OF NURSING (NCLEX-RN Application for Licensure)
http://www.ncsbn.org

TEAM STEPPS
http://teamstepps.ahrq.gov/

CULTURAL COMPETENCY: TUTORIAL (modules 1,2,&3)
https://www.thinkculturalhealth.org
MODULES 1, 2 y 3

HEALTH LITERACY

EVIDENCE-BASED PRACTICE: TUTORIAL
http://ebp.lib.uic.edu/nursing/?q=node/38

EVIDENCE-BASED PRACTICE: TUTORIAL
http://www.biomed.lib.umn.edu/learn/ebp/mod01/index.html

SYSTEMIC REVIEWS
http://www.cochrane.org

NATIONAL PATIENT SAFETY GOALS
http://www.jointcommission.org/PatientSafetyGoals/.