

Northern Marianas College
CURRICULUM ACTION REQUEST

Effective Semester / Session: Spring 2013

Type of Action:

- New
- Modification
- Move to Inactive (Stop Out)
- Cancellation

Course Alpha and Number: NU 212

Course Title: Medical-Surgical Nursing III

Reason for initiating, revising, or canceling:

This course guide is being updated to reflect changes in the General College Catalog (March 2011 update), implementation of contact hours for coordination and preparation of student's clinical experience, supervision of nursing students in the clinical sites, the nursing program grading policy, and revision of Associate in Science Degree in Nursing Individualized Degree Plan (IDP) 2012.


Rosa M. Tudela, RN

3/20/13

Proposer

Date


Rosa M. Tudela, RN

3/20/13

Department Chair, Nursing

Date


Barbara K. Merfalen

3.26.14

Dean of Academic Programs and Services

Date

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Course Guide

Course: NU 212 Medical-Surgical Nursing III

1. Department
Nursing

2. Purpose

The purpose of this course is to instruct student in the principles and application of advanced nursing care. The nursing process will be used to deliver care in the hospital setting in specialty areas within the hospital such as the Intensive Care Unit, Neonatal Intensive Care Unit, Surgery, and in the community. After the student has satisfactorily demonstrated advanced clinical skills in the laboratory, he/she will apply the knowledge in the clinical setting, both in the hospital and in the community. The student competencies for this course are the outcome objectives for the Associate in Science in Nursing degree (ASN).

3. Description

A. Required/Recommended Textbook(s) and Related Materials

Required:

LeMone, Priscilla, and Karen Burke. *Medical-Surgical Nursing: Critical Thinking in Client Care*. 5th ed. Upper Saddle River, NJ: Pearson Prentice Hall, 2011.

Readability level: Grade 11.8

Wong, Donna L., Shannon E. Perry, Marilyn J. Hockenberry, Deitra L. Lowdermilk, and David Wilson. *Maternal Child Nursing Care*. 3rd ed. St. Louis, MO: Mosby/Elsevier, 2006.

Readability level: Grade 12

Related Material:

Silvestri, Linda A. *Comprehensive Review for the NCLEX-RN Examination*. 4th ed. St. Louis, MO: Saunders/Elsevier, 2008.

Readability level: Grade 10.4

Hammerschmidt, M., and J. Mulholland. *Notes on ICU Nursing*. 2nd ed. West Conshohocken, PA: Infinity Publishing, 2007.

B. Contact Hours

- 1. Lecture:** 4 hours per week / 60 hours per semester
- 2. Lab:** Lab/clinical skills 15 hours per week / 225 hours per semester
- 3. Other:** none

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C. Credits

1. **Number:** 8
2. **Type:** Regular degree credits

D. Catalogue Course Description

This course is the final nursing course for the Associate in Science in Nursing degree. While the course theory content focuses on advanced nursing skills and concepts required in caring for the medical-surgical client, the clinical component requires the demonstration of cumulative nursing skills from all the nursing courses. The course utilizes the nursing process, with emphasis on management and teaching of the complex medical-surgical client. In addition, leadership skills are developed to assist the student in transition from a student role to that of a graduate nurse. This course covers laboratory practice of advanced nursing/critical care skills. After satisfactory demonstration of those skills, the student will be able to apply them in the clinical setting. Prerequisites: A "C" grade or higher in NU 203 and NU 207, or approval of the Nursing Department Chair. Concurrent enrollment in NU 209 is required. English Placement Level: EN 202. Math Placement Level: MA 161. (Offered Spring)

E. Degree or Certificate Requirements Met by Course

This degree fulfills a requirement of the Associate in Science in Nursing degree.

F. Course Activities and Design

This course will consist of 4 hours per week of theory instruction in the classroom and 15 hours per week in clinical or lab to practice nursing skills. Activities include lectures, discussions, audiovisual programs, Internet resources, and demonstrations. Guest speakers will be invited as scheduling permits. Case studies will be used to help students apply knowledge and anticipate decisions they will be making in clinical practice. The student will be expected to write Nursing Care Plans (NCP) on clients they are assigned to in the clinical setting. Students will have an opportunity to provide care in specialty areas of the hospital, Public Health, and Home Health Care Agencies.

4. **Course Prerequisite(s); Concurrent Course Enrollment; Required English/Mathematics Placement Level(s); Prerequisite(s):** A "C" grade or higher in NU 203 and NU 207, or approval of the Nursing Department Chair. Concurrent enrollment in NU 209 is required.

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English Placement Level: EN 202

Math Placement Level: MA 161

5. **Estimated Cost of Course; Instructional Resources Needed**

Cost to the Student: Tuition for an 8-credit course, textbooks, course fee, BLS/CPR fee, student activities fee, physical exam, uniforms, required clinical equipments and supplies.

Cost to the College: Instructor's salary; Lead Course Instructor – gets 3 credits for coordination and preparation of student's clinical experience. Nursing instructor(s) assigned to supervision of nursing students in the clinical site gets 1 credit per student. Commonwealth Healthcare Corporation (CHCC) policy for instructor to student ratio is 1:10. Nursing Department has to abide by this policy for patient safety. Patient safety is a priority. Mileage reimbursement for full-time instructors will be given during clinical.

Instructional resources needed for this course include: Lab/medication cards, BLS/CPR fee, laboratory supplies, videotaped materials, TV/VCR, CD-ROM, computer software programs, pens, papers, overhead projector and transparencies, chalk, markers, NMC Internet access, copier machine, copier paper and toner.

6. **Method of Evaluation**

Student grades will be based on the regular letter grade system as described below:

- A: Excellent – grade points: 4.0;
- B: Above average – grade points: 3.0;
- C: Average – grade points: 2.0;
- D: Below average – grade points: 1.0;
- F: Failure – grade points: 0.0.

The Nursing Department utilizes the following grading scale to assign letter grades to grade percentages:

- A: 92-100%
- B: 82-91%
- C: 75-81%
- D: 60-74%
- F: 0-59%

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If a nursing course contains a clinical component, student grades will also be based on these grade percentages. The student must pass both the clinical and the theory with 75% or higher in order to pass the course. **This course has a clinical component.**

NMC's and the Nursing Department's attendance policies will be followed.

7. Course Outline

This is a topical outline and does not necessarily indicate the sequence in which the material will be presented.

- 1.0 Dimensions of Medical-Surgical Nursing
 - 1.1 Community-based and home care of the adult client
- 2.0 Alterations in Patterns of Health
 - 2.1 Nursing care of clients with altered fluid, electrolyte, or acid-base balance
 - 2.1.1 Fluid replacement overview
 - 2.1.2 Regulation of acid-base balance
 - 2.2 Nursing care of clients experiencing trauma and shock
 - 2.3 Nursing care of clients experiencing disasters
 - 2.4 Nursing care of clients with cancer
 - 2.4.1 Nursing interventions for oncologic emergencies
- 3.0 Responses to Altered Integumentary Structure and Function
 - 3.1 Nursing care of clients with burns
- 4.0 Responses to Altered Bowel Elimination
 - 4.1 Nursing care of clients with bowel disease
 - 4.1.1 Chronic inflammatory bowel disease
 - 4.1.2 Malabsorption syndromes
 - 4.1.3 Neoplastic disorders
 - 4.1.4 Structural and obstructive disorders
 - 4.1.5 Anorectal disorders
- 5.0 Responses to Altered Cardiac Function
 - 5.1 Nursing care of clients with cardiac disorders
 - 5.1.1 Inflammatory heart disease
 - 5.1.2 Disorders of cardiac structure

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- 6.0 Responses to Altered Respiratory Function
 - 6.1 Nursing care of clients with lower respiratory disorders
 - 6.1.1 Disorders of the pleura
 - 6.1.2 Trauma of the chest or lung
 - 6.1.3 Respiratory failure
- 7.0 Responses to Altered Musculoskeletal Functions
 - 7.1 Nursing care of clients with musculoskeletal disorders
- 8.0 Responses to Altered Neurologic Functions
 - 8.1 Assessing clients with neurologic disorders
 - 8.2 Nursing care of clients with cerebrovascular and spinal cord disorders
 - 8.3 Nursing care of clients with intracranial disorders
 - 8.4 Nursing care of clients with neurologic disorders
- 9.0 Responses to Altered Sexual and Reproductive System Disorders
 - 9.1 Nursing care of women with reproductive system disorders
 - 9.1.1 Disorders of the female breast
- 10.0 Infants with Gestational-Age Related Problems
 - 10.1 Pre-term infants
- 11.0 Health Problems of Children: Respiratory Dysfunction
 - 11.1 Respiratory failure

8. Instructional Goals

This course will introduce students to:

- 1.0 Basic information that is essential to the delivery of safe, culturally sensitive, and holistic nursing care to individuals receiving community-based and home care;
- 2.0 Advanced information that is essential to the delivery of safe, culturally sensitive, and holistic nursing care to the medical-surgical client;
- 3.0 Basic nursing care for the pre-term infant;
- 4.0 Nursing care of clients having alterations in cardiac function, including inflammatory cardiac disorders and alterations of cardiac structure;

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- 5.0 Nursing care of clients having alterations in respiratory function, including disorders of the pleura, chest trauma, respiratory failure, and respiratory distress syndrome;
- 6.0 Nursing care of clients experiencing disaster, trauma, and shock;
- 7.0 Nursing care of clients having burns;
- 8.0 Nursing care of clients with musculoskeletal disorders;
- 9.0 Nursing care of clients having alterations in neurologic functions, including intracranial cerebral blood flow, and spinal disorders;
- 10.0 Assessment and nursing care for clients having alterations in neurologic functions, including degenerative neurologic, neuromuscular, and cranial nerve disorders;
- 11.0 Nursing care to clients having alterations in bowel eliminations, including chronic inflammatory bowel disease and bowel cancer;
- 12.0 Nursing care of clients having alterations in sexual and reproductive function, including breast cancer; and
- 13.0 Nursing care of pediatric clients having alterations in respiratory function, including respiratory failure.

9. Student Learning Outcomes

Upon successful completion of this course, students will be able to:

- 1.0 Provide safe, culturally sensitive, and holistic nursing care to individuals receiving community-based and home care, acutely ill medical-surgical clients, acutely ill pediatric clients and preterm infants;
- 2.0 Demonstrate proper assessment of acutely ill medical-surgical clients, acutely ill pediatric clients, preterm infants and clients receiving community-based and home care; and
- 3.0 Perform nursing care to clients having alterations in the following body functions:

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- 3.1 Cardiac function, including cardiac structure and inflammatory cardiac disorders;
- 3.2 Respiratory function, including disorders of pleura, chest trauma, respiratory failure and respiratory distress syndrome;
- 3.3 Experiencing disaster, trauma and shock;
- 3.4 Having burns;
- 3.5 Musculoskeletal disorders;
- 3.6 Neurologic functions, including intracranial cerebral blood flow and spinal disorders; degenerative neurologic, neuromuscular and cranial nerve disorders;
- 3.7 Bowel elimination, including chronic inflammatory bowel disease and bowel cancer;
- 3.8 Sexual and reproductive functions, including breast cancer.

10. Assessment Measures

Assessment of student learning may include, but not be limited to, the following:

- 1.0 Demonstration of knowledge in course content by successfully completing quizzes, examinations, case studies, nursing care plans, written assignments and computer assignments;
- 2.0 Practice nursing skills in the skills lab and give acceptable return demonstrations without assistance before student can perform those skills in the clinical setting;
- 3.0 Students are expected to obtain client information on their assigned patients/clients and be thoroughly prepared for the clinical experience prior to providing care. The student's clinical evaluations are based on knowledge, skill and behavioral criteria. An unsatisfactory evaluation in clinical component automatically constitutes a failure in this course;
- 4.0 The clinical component of the course is graded on a grade percentages described under Method of Evaluation;
- 5.0 Student to student instruction;
- 6.0 Attendance: There is limited amount of absenteeism one may have and still successfully complete the course. When students miss a

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day, they will be required to do an assignment to make up for material taught on that day;

- 7.0 The student must attain a grade of "C" or higher which is 75% or higher in both theory and clinical in order to pass the course.