

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 207

Course Title: Medical-Surgical Nursing II

Reason for initiating, revising, or canceling:

This course guide is being updated to 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, 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

3.22.14

Dean of Academic Programs and Services

Date

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Course: NU 207 Medical-Surgical Nursing II

1. Department
Nursing

2. Purpose

The purpose of this course is to assist students to integrate facts and principles in the care of the client in relation to biological, cultural, and spiritual functioning of the medical-surgical client, including the client experiencing mental health and/or psychiatric disorders. The use of the nursing process will address the delivery of care on an intermediate nursing level. The target population is students in the third semester of the four-semester Associate in Science Degree in Nursing (ASN) program. This course is a requirement for this degree. Upon completion of the ASN program and after passing the nursing licensure examination, nursing graduates will be prepared to occupy Registered Nurse (RN) positions in the Commonwealth of the Northern Mariana Islands (CNMI).

3. Description

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

Required:

LeMone, Priscilla, and Karen Burke. *Medical-Surgical Nursing: Critical Thinking in Client Care*. 4th ed. Upper Saddle River, NJ: Prentice Hall Health, 2004.

Readability level: Grade 11.8

Altman, Gaylene B. *Delmar's Fundamental & Advanced Nursing Skills*. 2nd ed. Clifton Park, NY: Delmar Learning, 2004.

Readability level: Grade 8.5

Townsend, Mary C. *Essentials of Psychiatric Mental Health Nursing*. 3rd ed. Philadelphia: F.A. Davis Company, 2005.

Readability level: Grade 12

Mosby's Dictionary of Medicine, Nursing and Health Professions. 7th ed. St. Louis, MO: Mosby, Inc., 2006.

Readability level: Not known

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, Inc., 2006.

Readability level: Grade 12

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A current nursing drug handbook (published within the last 3 years)

A current nursing lab and diagnostic testing handbook (published within the last 5 years)

B. Contact Hours

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

C. Credits

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

D. Catalogue Course Description

This course deals with the use of the nursing process to meet the physical and psychosocial needs of medical-surgical and psychiatric clients. The students obtain foundation knowledge and skills necessary to provide psychiatric nursing care to clients experiencing mental health problems. In addition, the students further develop the knowledge and skills necessary to provide nursing care to the medical-surgical client. After the students have satisfactorily demonstrated clinical skills in the laboratory, they will apply the knowledge in the clinical setting, both in the hospital and in the community.

Prerequisites: A "C" grade or higher in NU 105, NU 107, NU 124, NU 203, and NU 209, or approval of the Nursing Department Chair.
English Placement Level: EN 202. Math Placement Level: MA 161.
(Offered Spring)

E. Degree or Certificate Requirements Met by Course

This course fulfills one of the requirements for the Associate in Science in Nursing degree.

F. Course Activities and Design

This course consists of four hours per week of theory instruction in the classroom and 15 hours per week in a clinical or lab setting to practice client skills. Activities include lectures, discussions, group activities, computerized learning programs, internet resources, audiovisual programs, and demonstrations. Guest speakers will be invited as scheduling permits. The instructor will use relevant clinical examples to illustrate key concepts to facilitate the students' understanding. Case

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studies will be used to help students apply knowledge and anticipate decisions they will be making in clinical practice. The students will be expected to write Nursing Care Plans (NCP) on clients they are assigned to in the clinical setting.

4. Course Prerequisite(s); Concurrent Course Enrollment; Required English/Mathematics Placement Level(s)

Prerequisite(s): A "C" grade or higher in NU 105, NU 107, NU 124, NU 203, and NU 209, or approval of the Nursing Department Chair.

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, paper, overhead projector and transparencies, chalk, markers, NMC Internet access, diskettes, 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.

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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%

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 Alterations in Patterns of Health
 - 1.1 Nursing care of clients with altered immunity
 - 1.1.1 Altered immune response
 - 1.1.2 HIV (Human Immunodeficiency Virus) infection throughout the lifespan
 - 1.2 Nursing care of clients experiencing loss, grief, and death
 - 1.2.1 Special interventions for dying clients
 - 1.2.2 Legal and ethical issues related to loss, grief, and dying
 - 1.2.3 Teaching for home care
- 2.0 Responses to Altered Nutrition
 - 2.1 Nursing care of clients with gallbladder, liver, and pancreatic disorders
- 3.0 Responses to Altered Endocrine Function
 - 3.1 Nursing care of clients with adrenal and pituitary disorders
- 4.0 Responses to Altered Cardiac Function
 - 4.1 Disorders of cardiac structure: Nursing care of the client with valvular heart disease
 - 4.2 Nursing care of the client with cardiac rhythm disorders

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- 4.3 Nursing care of the client with preeclampsia and eclampsia
- 4.4 Nursing care of the client with congenital heart defects

- 5.0 Responses to Altered Musculoskeletal Function
 - 5.1 Nursing care of clients with musculoskeletal trauma

- 6.0 Responses to Altered Peripheral Tissue Perfusion: Nursing Care of Clients with Peripheral Vascular and Lymphatic Disorders
 - 6.1 Disorders of the peripheral arteries
 - 6.2 Disorders of the aorta and its branches
 - 6.3 Disorders of venous circulation
 - 6.4 Disorders of the lymphatic system
 - 6.5 Nursing care of clients with hematologic disorders

- 7.0 Responses to Altered Urinary Elimination
 - 7.1 Nursing care of clients with kidney disorders
 - 7.2 Age-related changes in kidney function
 - 7.3 Congenital kidney malformation
 - 7.4 Polycystic kidney disease
 - 7.5 Hydronephrosis
 - 7.6 Disorders of the glomerulus
 - 7.7 Vascular disorders of the kidney
 - 7.8 The client with kidney trauma
 - 7.9 Renal failure

- 8.0 Psychiatric/Mental Health Nursing
 - 8.1 Introduction to psychiatric/mental health nursing
 - 8.2 Mental health and mental illness concepts of personality development
 - 8.3 Biological implications
 - 8.4 Ethical and legal issues

- 9.0 Psychiatric/Mental Health Nursing Interventions
 - 9.1 Relationship development and therapeutic communication
 - 9.2 Milieu – the therapeutic environment
 - 9.3 Intervention in groups
 - 9.4 Intervening in crises
 - 9.5 Psychopharmacology

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- 10.0 Care of Clients with Psychiatric Disorders
 - 10.1 Schizophrenia and other psychotic disorders
 - 10.2 Mood disorders
 - 10.3 Eating disorders
 - 10.4 Substance-related disorders
 - 10.5 Anxiety disorders
 - 10.6 Personality disorders
 - 10.7 Disorders of human sexuality

- 11.0 Psychiatric/Mental Health Nursing of Special Populations
 - 11.1 Children and adolescents
 - 11.2 Victims of abuse or neglect
 - 11.3 Aging individuals

8. Instructional Goals

This course will introduce students to:

- 1.0 Nursing care to clients with an altered immune response; loss, grief, and dying;
- 2.0 Nursing care to clients having alterations in nutrition, including gallbladder, liver and pancreatic disorders, and low birth weight newborns;
- 3.0 Nursing care to clients having alterations in endocrine function, including adrenal and pituitary disorders;
- 4.0 Nursing care to clients having alterations in cardiac function, including valvular heart disease, cardiac dysrhythmias, preeclampsia and eclampsia, and congenital heart defects;
- 5.0 Nursing care to clients having alterations in musculoskeletal function, including arthritis and connective tissue disorders;
- 6.0 Nursing care to clients having alterations in tissue perfusion, including peripheral vascular, lymphatic, and hematologic disorders;
- 7.0 Nursing care to clients having alterations in urinary elimination, including age-related changes in kidney function, congenital kidney disease, hydronephrosis, disorders of the glomerulus, vascular disorders of the kidney, and kidney trauma;

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- 8.0 The underlying principles of psychiatric/mental health nursing;
- 9.0 Relationship development, therapeutic communication, and nursing interventions in group therapy, crisis intervention, and milieu management;
- 10.0 Basic information that is essential to the delivery of safe, culturally sensitive, and holistic nursing care to individuals with psychiatric disorders; and
- 11.0 Nursing care of children, adolescents, and victims of abuse or neglect.

9. Student Learning Outcomes

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

- 1.0 Integrate cultural, sociological, spiritual, biological and psychological knowledge in the care of chronic and acute, but stable medical-surgical clients;
- 2.0 Provide basic nursing care to clients with the following medical conditions:
 - 2.1 Alterations in immune system, including altered immune response, Human Immunodeficiency Virus (HIV) infection throughout the lifespan;
 - 2.2 Experiencing loss, grief, and death, including special interventions for dying clients, legal and ethical issues related to loss, grief and dying, and teaching for home care;
 - 2.3 Alterations in nutrition, including gallbladder, liver, pancreatic Disorders;
 - 2.4 Alterations in endocrine function, including adrenal and pituitary disorders;
 - 2.5 Alterations in cardiac function, including valvular heart disease, cardiac dysrhythmias, preeclampsia and eclampsia, and congenital heart defects;
 - 2.6 Alterations in musculoskeletal function, including arthritis and connective tissue disorders;
 - 2.7 Alterations in tissue perfusion, including peripheral vascular, lymphatic and hematologic disorders;
 - 2.8 Alterations in urinary elimination, including age-related changes

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in kidney function, congenital kidney disease, hydronephrosis, disorders of the glomerulus, vascular disorders of the kidney and kidney trauma;

- 3.0 Integrate cultural, sociological, spiritual, biological, and psychological knowledge in the care of the psychiatric/mentally ill clients;
- 4.0 Assess, plan, and implement priorities in providing therapeutic communication, a therapeutic environment, crisis intervention, group therapy, and psychopharmacology; and
- 5.0 Provide safe, culturally sensitive, effective and holistic nursing care to individuals with psychiatric disorders; mental health problems, including children, adolescents, and victims of abuse or neglect.

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 Attendance: There is limited amount of absenteeism one may have and still successfully complete the course. When students miss a day, they will be required to do an assignment to make up for material taught on that day;

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- 6.0 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.