



ANTELOPE VALLEY COLLEGE

Academic Affairs
Course Outline of Record

Academic Affairs Only

- New Course
- COR Revision 3/9/2006
- COR Update
- X Pre Req/Advisories 3/9/06
- X Other Changes 12/06/2007
- Effective Date
- SLO 3/10/2008

COURSE SUBJECT & NUMBER: NS 241 NS 241CL

COURSE NAME: Medical/Surgical Nursing II (formerly NS 203, Developmental and Health Deviation Self-Care Requisites in Acute Illness and NS 204, Leadership and Management Skills in the Care of Adults with Health Deviation Self-Care Requisites)

COURSE UNITS: 12.5 **COURSE HOURS:** 28.5 hours weekly (4.5 lecture hours and 24 clinical hours)

COURSE REQUISITES: *(Follow format of similar courses found in the college catalog.)*

Limitation on enrollment: Formal admission to the Associate Degree Nursing Program.

Prerequisite: Completion of NS 230, NS 231, NS 232.

Corequisite: NS 241L

Instructional materials fee required for this course and must be paid at registration.

COURSE DESCRIPTION: *(Write a short paragraph providing an overview of topics covered. Be sure to identify target audience--transfer, major, GE, degree/certificate, etc. If repeatable, state the number of times at end of description.)*

Medical/Surgical Nursing II is based on Orem's Self-Care Theory as applied to the care of acutely ill adult medical/surgical patients. This course provides theory and related clinical practice to assist the student in meeting the acutely ill patient's short and long term needs quickly and to collaborate with patients and other members of the health care team to deliver compassionate care. It addresses nursing care from a physiological, pathophysiology, and psychosocial context and encourages critical thinking. (CSU, AVC)

COURSE OBJECTIVES: *(Use Bloom's taxonomy to formulate concise, performance-based measurable objectives common to all students. Objectives must be closely aligned with course content, assignments, and methods of evaluation.)*

Upon completion of course, the successful student will be able to:

- *1. Practice nursing within legal, ethical and regulatory frameworks of nursing and standards of professional nursing practice for the acutely ill adult medical/surgical patient.
- *2. Utilize therapeutic communication with acutely ill adult medical/surgical patients, significant others and healthcare team members.
- 3. Advocate for the rights of acutely ill adult medical/surgical patients and significant others.
- *4. Use the nursing process to safely care for acutely ill adult medical/surgical patients; reports and documents appropriate patient information in a timely professional manner.
- *5. Demonstrate caring behavior towards the acutely ill adult medical/surgical patient, significant other(s), peers, and other members of the healthcare team, providing an environment that respects human rights, values, and cultural and spiritual beliefs.
- *6. Use critical thinking to provide the foundation for appropriate clinical decision making for the acutely ill adult medical/surgical patient.
- *7. Use information technology to support and communicate with the planning and provision of patient care.
- 8. Integrate the principles of growth and development to the delivery of nursing care to acutely ill adult medical/surgical patients.
- *9. Design and implement an individualized teaching plan for the acutely ill adult medical/surgical patient and significant other(s) to meet the patient's self-care demands to improve self-care agency.
- *10. Facilitate the decision making process by collaborating with acutely ill adult medical/surgical patient, significant other(s) and healthcare team members.
- *11. Demonstrate accountability for nursing care given by self.
- 12. Promote excellence in nursing by pursuing professional development.

* Denotes SCANS competencies

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COURSE CONTENT: *(Enter course content in terms of specific topics or a specific body of knowledge that each instructor must cover. Put topics in outline form with major and minor headings. Title 5 requires that each instructor must cover all material listed below.*)

I. Nursing care of patient with medical/surgical conditions:

A. Basic concepts in nursing related to cardiovascular, circulatory, and hematologic function

1. Assessment of cardiovascular function
2. Management of patients with dysrhythmias and conduction problems
3. Management of patients with acute coronary

vascular

disorders

4. Management of patients with structural, infectious, and inflammatory cardiac disorders
5. Management of patients with acute complications from heart disease.

B. Basic concept in nursing related to gas exchange and respiratory function

1. Management of patients with upper respiratory tract disorders
2. Management of patients with acute chest and lower respiratory tract disorders
 - a. Acute respiratory distress syndrome
 - b. Pulmonary embolus
3. Respiratory care modalities
 - a. Mechanical ventilation
 - b. The patient undergoing thoracic surgery

C. Basic concepts in nursing related to neurologic function

1. Assessment of neurologic function
2. Management of patients with neurologic dysfunction
3. Management of patients with cerebrovascular disorders
4. Management of patients with neurologic trauma
5. Management of patients with neurologic infections, autoimmune disorders, and neuropathies
6. Management of patients with degenerative disorders

D. Basic concepts in nursing related to renal and urinary tract function

1. Assessment of renal and urinary tract function
2. Management of patients with upper and lower urinary tract function
3. Management of patients with urinary disorders

E. Basic concepts in nursing related to metabolic and endocrine function

1. Assessment and management of patients with hepatic disorders

F. Basic concepts in nursing related to immunologic function

1. Management of patients with HIV infection and AIDS
2. Assessment and management of patients with rheumatic disorders

G. Basic concepts in nursing related to musculoskeletal function

1. Assessment of musculoskeletal function
2. Musculoskeletal care modalities
3. Management of patients with musculoskeletal disorders
4. Management of patients with musculoskeletal trauma

H. Basic concepts in nursing related to shock and multisystem organ failure

I. Basic concepts in nursing related to digestive and gastrointestinal function

1. Assessment of digestive and gastrointestinal disorders
2. Management of patients with oral and esophageal disorders
3. Gastrointestinal intubation and special nutritional modalities
4. Management of patients with gastric and duodenal disorders
5. Management of patients with intestinal and rectal disorders

J. Basic concepts in nursing related to male reproductive function

K. Basic concepts in nursing related to integumentary function

1. Management of patients with burn injury
2. Management of other skin disorders

L. Basic concept in emergency nursing

M. Basic concepts in terrorism, casualty, and disaster nursing

N. Intravenous Push Medications

1. The nursing process and IVP medications
2. IVP skills

II. Application of theory to clinical practice for the acute medical/surgical patient

- A. Orientation
- B. Clinical practice
- C. Post-conference

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TYPICAL HOMEWORK ASSIGNMENTS: (Do not include in-class work, quizzes, or tests)

This information is necessary for all credit courses. Assignments should be closely related to course objectives, content, and methods of evaluation. (See sample of a “Model Outline” in the AP&P Standards & Practices handbook.) Include a range of assignments (minimum of three) from which faculty may choose when designing their syllabus.

1. Describe nature and frequency of typical reading assignments if applicable; note if any are required:

An average weekly assignment is:

Brunner and Suddarth's Textbook of Medical Surgical Nursing, (100 pages)

Nursing Journals, (23 pages)

Mosby's Pharmacology in Nursing, (50 pages)

Chernecky/Berger Diagnostics, (30 pages)

2. Describe nature and frequency of typical writing assignments if applicable; note if any are required:

Students are required to write short papers and are held accountable for the quality of the writing as well as the nature of the content.

Students write patient teaching plans and care plans.

Students are required to write a weekly analytical journal analyzing their clinical performance.

3. Describe nature and frequency of typical computational assignments if applicable; note if any are required:

Computations of medication dosages.

4. Describe other types of homework assignments that students may be asked to complete (oral presentations; special projects; visual/performing arts; etc); note if any are required:

Students are required to think creatively, make decisions, solve problems and reason. Critical thinking skills are required using the nursing process.

Students are evaluated for utilization of critical thinking skills when making nursing judgments in the clinical setting.

5. Describe those critical thinking skills that are derived from assignments listed above; be sure that they reflect course objectives.

Give an oral presentation on a topic relevant to the concept of acutely ill adult medical/surgical patients.

Manage the care of acutely ill adult medical/surgical patients.

Share learning experiences with other students in post-clinical conferences.

Participate on a field trip related to caring for acutely ill adult medical/surgical patients.

6. For categories 1-4 above, describe the estimated time per week it would take a student to complete homework assignments. Title 5 uses the Carnegie formula for establishing units using a 2:1 ratio as follows: 1 hr. lecture = 2 hrs. homework; 2 hrs. lecture = 4 hrs .homework; etc. For example: reading textbook—2 hours; writing reports—3 hours.

Reading Assignments: 10 hours

Writing Assignments: 4 hours

Computational Assignments: ½ hour

Other Assignments: 2 hours

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METHODS OF INSTRUCTION: *(Methods must be consistent with content and appropriate to objectives; state in terms of what instructor will be doing in order to present course content to students: for example, lecture, demonstration, present audio/visual materials; facilitate group work, etc. Do not list specific instructional equipment.)*

Lecture, multi-media aids, classroom discussion, instructor mediated role playing, instructor guided group meetings, guest speakers, and concurrent guided clinical experience in the healthcare setting.

METHODS OF EVALUATION: *(These must be clearly related to course objectives and reflect course content and assignments in order to comply with Title 5 requirements. Describe what instructor will be looking for when evaluating various assignments and tests in order to determine whether students have met course objectives. Grades must be based on demonstrated proficiency in subject matter and determined, where appropriate, by essays, objective and essay tests, research papers or projects, problem solving exercises, or skills' demonstrations.)*

Clinical objectives are evaluated through direct observation in the clinical area. Clinical performance involves application of theory (1,6), use of the nursing process (4), use of therapeutic communication (2), documentation (7), advocating for patients (3), accountability (11), critical thinking (6), and decision making (10) in the delivery of compassionate nursing care (5) for the acutely ill adult patient (8). Formative evaluations are done weekly and are based on the course objectives. Summative evaluations are done at the end of each clinical rotation and are graded on a satisfactory/unsatisfactory basis. Students assignments include a graded physical assessment on a patient (4,5), weekly analytical journal (12), weekly patient care plan (4) or teaching plan (9), and a presentation on a chosen topic from the objectives. Failure to participate in the minimum number of clinical hours may result in dismissal from this course. The maximum number of clinical hours that may be missed is addressed in the ADN attendance policy.

Multiple choice theory examinations are given approximately every 3-4 weeks with a comprehensive multiple choice final exam. Exam questions focus on the nursing content, including theory, nursing process (4), legal and ethical aspects (1), communication (2,10), and patient teaching (9). This content is necessary in order to safely care for acute medical/surgical patients. In order to pass the course students must score an average of "C" (70%) or better on examinations.

Criteria for successful completion of the course is 70% or better on examinations and satisfactory completion of clinical performance.

Suggested Texts or other Instructional Materials *(list several when possible; include title, author, publisher, date, and latest edition.)*

Bare, Brenda and Suzanne Smeltzer, Brunner & Sudderth's Textbook of Medical-Surgical Nursing, 11th Edition, Lippincott, Williams & Wilkins, 2006.

Carpenito, Lynda, Nursing Diagnosis: Application to Clinical Practice, 12th Edition, Lippincott, Williams & Wilkins, 2005.

Cauthorne-Burnett, Tamera and Zator-Estes, Mary Ellen. Companion for Health Assessment and Physical Examination, 3rd Edition, 2005, Delmar Publishers.

McKenry, Leda and Evelyn Salerno, Mosby's Pharmacology in Nursing, 22nd Edition, Mosby, 2006.

Williams, Sue and Eleanor Schlenker, Essentials of Nutrition and Diet Therapy, 8th Edition, Mosby, 2006.