



El Camino College

COURSE OUTLINE OF RECORD - Official

I. GENERAL COURSE INFORMATION

Subject and Number: Nursing 254
Descriptive Title: Advanced Nursing Process I

Course Disciplines: Nursing

Division: Health Sciences and Athletics

Catalog Description: This course focuses on pathophysiologic concepts and nursing management essential to critical care and emergency nursing. Patients with acute and chronic cardiopulmonary, hepatic, renal, and multi-system dysfunction will be selected for critical care clinical experiences. Leadership and management skills are introduced and applied in the clinical setting. Students apply the nursing process and prioritize nursing care for a group of patients with multiple needs imbalances. The role of the nurse in the management of patient care following a disaster is presented and students participate in an actual disaster drill in a local hospital.

Conditions of Enrollment: Prerequisite

Nursing 250

Nursing 251

Nursing 253
with a minimum grade of C in each prerequisite
or
equivalent

Course Length: Full Term Other (Specify number of weeks):
Hours Lecture: 3.00 hours per week TBA
Hours Laboratory: 12.00 hours per week TBA
Course Units: 7.00

Grading Method: Letter
Credit Status: Associate Degree Credit

Transfer CSU: Effective Date: 11/21/2005
Transfer UC: No

General Education:
El Camino College: _____

CSU GE: _____

IGETC: _____

II. OUTCOMES AND OBJECTIVES

A. COURSE STUDENT LEARNING OUTCOMES (The course student learning outcomes are listed below, along with a representative assessment method for each. Student learning outcomes are not subject to review, revision or approval by the College Curriculum Committee)

- At the end of Nursing 254, the student will begin to model effective leadership and
1. team member behaviors while prioritizing nursing care for a group of clients with multiple need imbalances.

The above SLOs were the most recent available SLOs at the time of course review. For the most current SLO statements, visit the El Camino College SLO webpage at <http://www.elcamino.edu/academics/slo/>.

B. Course Student Learning Objectives (The major learning objective for students enrolled in this course are listed below, along with a representative assessment method for each)

1. Utilize the principles of leadership and management in providing nursing care to hospitalized patients.
Journal (kept regularly throughout the course)
2. Apply the pathophysiologic concepts for cardiovascular, hepatic, respiratory, and renal disorders and utilize the nursing process in the provision of nursing care.
Objective Exams
3. Evaluate clinical findings and the rationale for intervention in planning nursing care for patients with multiple needs imbalances.
Objective Exams
4. Execute nursing procedures according to established standards of critical care, emergency and disaster nursing.
Clinical Evaluations
5. Apply the principles of pharmacology in the care of patients with multiple needs imbalances.
Clinical Evaluations
6. Correlate laboratory values with the appropriate nursing interventions for patients with multiple needs imbalances.
Clinical Evaluations
7. Apply legal and ethical guidelines to the care of patients with multiple needs imbalances.
Objective Exams
8. Apply nursing care to a group of clients in both intensive care units and the emergency room with multiple need imbalances.
Clinical Evaluations
9. Prioritize nursing interventions for the victims of a disaster.
Other (specify)
Disaster Preparedness Clinical Day Experience

III. OUTLINE OF SUBJECT MATTER (Topics are detailed enough to enable a qualified instructor to determine the major areas that should be covered as well as ensure consistency from instructor to instructor and semester to semester.)

Lecture or Lab	Approximate Hours	Topic Number	Major Topic
Lecture	13.5	I	ORIENTATION A. Principles and theories of leadership and management B. Management of patient care C. Legal standards D. Understand the concept of evidence based practice and apply to clinical practice in order to meet the standards of care (National Patient Safety Goals)
Lab	54	II	CARDIAC PATHOLOGIES A. Assess the pathophysiological changes of patients with acute cardiovascular pathologies.
Lecture	13.5	III	CARDIOPULMONARY DISEASES A. Utilize the nursing process to meet the needs of patients with acute and chronic pathologies, preventative measures, treatment and rehabilitation.
Lab	54	IV	APPLYING EVIDENCE BASED PRACTICE A. Utilize the nursing process to meet the needs of clients with advanced cardiopulmonary disease. B. Apply evidence based practice in the clinical setting with patients having an acute myocardial infarction and/ or congestive heart failure.
Lecture	13.5	V	RESPIRATORY DISEASES A. Utilize the nursing process to meet the needs of patients with acute and chronic pulmonary pathologies, preventative measures, treatment and rehabilitation. RENAL DISEASES A. Utilize the nursing process to meet the needs of patients with acute and chronic renal pathologies, preventative measures, treatment and rehabilitation.
Lab	54	VI	RENAL DISEASE PROCESS A. Utilize the nursing process to meet the needs of patients with advanced renal disease process.
Lecture	13.5	VII	CARE AND MANAGEMENT OF MULTI-SYSTEM DYSFUNCTIONS AND TRAUMA A. Coordination of the health care team during disasters and use of emergency equipment.
Lab	54	VIII	MULTI-SYSTEM IMBALANCES A. Utilize the nursing process to meet the needs of patients with multi-system imbalances and advanced disease processes.
Total Lecture Hours	54		
Total Laboratory Hours	216		
Total Hours	270		

IV. PRIMARY METHOD OF EVALUATION AND SAMPLE ASSIGNMENTS

A. PRIMARY METHOD OF EVALUATION:

Substantial writing assignments

B. TYPICAL ASSIGNMENT USING PRIMARY METHOD OF EVALUATION:

Conduct a Cumulative Index Nursing and Allied Health literature search on a topic related to course content. Select an article of interest from a professional nursing journal and write a critique. Your written critique should describe the content of the article and whether the conclusions support and/or refute current nursing practice.

C. COLLEGE-LEVEL CRITICAL THINKING ASSIGNMENTS:

1. Write a four-page paper analyzing the significant diagnostic studies on the nursing care of a patient receiving core measures. Cite acceptable diagnostic tests correlating the the diagnosis specific to the core measures as it relates to the patient, with the measures met and nursing interventions in your paper.
2. Give a ten- to fifteen-minute oral presentation comparing and contrasting different approaches to conflict management, the resolution of ethical issues, delegation of client care responsibilities, or the assignment of personnel. Teams of at least three students will present their finding to their respective clinical group by videotape, role playing, or panel discussion.

D. OTHER TYPICAL ASSESSMENT AND EVALUATION METHODS:

Performance exams

Other exams

Quizzes

Term or other papers

Multiple Choice

Matching Items

True/False

Other (specify):

1. Anecdotal notes
2. Dosage calculation in clinical setting
3. Short answer/fill in the blank

Clinical Evaluations

V. INSTRUCTIONAL METHODS

Discussion
Field trips
Group Activities
Guest Speakers
Laboratory
Lecture
Multimedia presentations
Simulation
Other (please specify)

1. Case studies
2. Problem-solving

Note: In compliance with Board Policies 1600 and 3410, Title 5 California Code of Regulations, the Rehabilitation Act of 1973, and Sections 504 and 508 of the Americans with Disabilities Act, instruction delivery shall provide access, full inclusion, and effective communication for students with disabilities.

VI. WORK OUTSIDE OF CLASS

Study
Answer questions
Skill practice
Required reading
Problem solving activities
Written work
Journal
Observation of or participation in an activity related to course content
Other (specify)
Assessment Technology Institute(ATI) exam

Simulation experience

Estimated Independent Study Hours per Week: 8 hours

VII. TEXTS AND MATERIALS

A. UP-TO-DATE REPRESENTATIVE TEXTBOOKS

LeMone, P., Burke, K., Bauldoff, G., . Medical surgical nursing critical thinking in patient care. 5th ed. Pearson Education, Inc. Pearson, 2011.
Cherry, B. & Jacob, S. R. Contemporary nursing: Issues, trends, & management. 4th ed. Mosby, St. Louis, 2008.
Pickar, G.. Dosage Calculations. 9th ed. Clifton Park, N.Y. DelMar, 2011.
Kee, J., Hayes, E., & McCuiston, L.. Pharmacology A nursing process approach. 6th ed. Saunders, Elseiver, 2009.

B. ALTERNATIVE TEXTBOOKS

C. REQUIRED SUPPLEMENTARY READINGS

Judith Hopfer Deglin & April Hazard Vallerand. DAVIS DRUG GUIDE FOR NURSES, 11th ed. F.A. Davis Company, 2009.

ETUDES for article readings

Code Blue CD in Library

ECG Self-Paced Course developed by Mary O'Connor RHORC 2009

D. OTHER REQUIRED MATERIALS

Course Syllabus and Hospital Orientation Manuals

VIII. CONDITIONS OF ENROLLMENT**A. Requisites (Course and Non-Course Prerequisites and Corequisites)**

Requisites	Category and Justification
Course Prerequisite Nursing-250	Sequential
Course Prerequisite Nursing-251	Sequential
Course Prerequisite Nursing-253 or	Sequential
Non-Course Prerequisite	The Nursing Director's approval for upward mobility placement in N254. Students who do not meet the advanced level of knowledge/skills necessary for placement in N254, will be unable to effectively complete the learning objectives and skills competencies required for successful completion of this course.

B. Requisite Skills

Requisite Skills
Apply legal and ethical principles in nursing. NURS 251 - Examine the legal responsibilities of registered nurses. NURS 251 - Discuss and analyze the difference between law and ethics. NURS 251 - Compare and contrast ethical principles such as beneficence, maleficence, veracity, and autonomy.
Perform a physical assessment according to age and development. NURS 250 - Compare and contrast physical assessment techniques and nursing procedures according to age, growth, and developmental level of children.
Apply concepts of pharmacology, intravenous therapy, and nursing care for adults and geriatric patients with complicated disease states. NURS 253 - Organize basic nursing care for adult and geriatric clients with complicated disease states. NURS 253 - Apply concepts of advanced intravenous therapy to adult clients with complicated disease states.

C. Recommended Preparations (Course and Non-Course)

Recommended Preparation	Category and Justification

D. Recommended Skills

Recommended Skills

E. Enrollment Limitations

Enrollment Limitations and Category	Enrollment Limitations Impact

Course created by Mary K. Moon on 09/01/2005.

BOARD APPROVAL DATE: 11/21/2005

LAST BOARD APPROVAL DATE:

Last Reviewed and/or Revised by DeeDee White on 10/18/2011

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