



El Camino College

COURSE OUTLINE OF RECORD - Approved

I. GENERAL COURSE INFORMATION

Subject and Number: Nursing 242
Descriptive Title: Intermediate Medical-Surgical Nursing II
Course Disciplines: Nursing
Division: Health Sciences and Athletics

Catalog Description:

In this course, students will learn about therapeutic care for patients with moderate to severe disease states by utilizing the nursing process, biophysical and medical/surgical concepts. Emphasis will be placed on the role of nurse as patient advocate and manager of care in the clinical setting.

Conditions of Enrollment:

Prerequisite: Nursing 230 AND Nursing 232 AND Nursing 234 AND Nursing 238 with a minimum grade of C

Enrollment Limitation

Students must be admitted into the Nursing Program

Course Length: Full Term Other (Specify number of weeks):

Hours Lecture: 2.00 hours per week TBA

Hours Laboratory: 7.50 hours per week TBA

Course Units: 4.50

Grading Method: Letter

Credit Status: Associate Degree Credit

Transfer CSU: Effective Date: Proposed

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)

1. **Prioritize Care:** The student will prioritize the care of patients with alterations in health using biophysical, spirituality, and safety concepts by performing comprehensive and focused physical assessments.
2. **Identify Patient Needs:** The student will identify the pharmacologic, nutritional, developmental, and teaching needs of patients with alterations in health.
3. **Effective Communication:** The student will demonstrate effective and accurate communication skills verbally and through documentation with the interdisciplinary team as needed for patients with alterations in health.

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. Demonstrate understanding of biophysical concepts for patients with alterations in functional ability, development, family dynamics, and culture.
 - Multiple Choice
2. Differentiate common assessment procedures used to examine patients with alterations in oxygenation, and perfusion.
 - Class Performance
3. Identify commonly occurring alterations in immunity and other concepts.
 - Multiple Choice
4. Compare and contrast the management of patients with alterations in thermo-regulation, glucose regulation and their related systems.
 - Multiple Choice
5. Apply the principle of pharmacology in the management of patients.
 - Written homework
6. Examine the relationship between gas exchange and the other concepts.
 - Multiple Choice
7. Explain management of cellular regulation, sexuality and prevention of alterations in cellular regulation.
 - Multiple Choice
8. Demonstrate the nursing process in providing culturally competent and caring interventions across the life span for patients with common alterations in elimination and nutrition.
 - Class Performance
9. Compare and contrast common independent and collaborative interventions for patients with common alterations in comfort and spirituality.
 - Multiple Choice
10. Discuss and examine advance directives and how it pertains to the care of medical-surgical patients.
 - Written homework
11. Apply Quality and Safety Education for Nurses (QSEN) and National Academy of Medicine standards to patient care

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	3.5	I	Functional Ability Development A. Multiple Sclerosis (MS) B. Acute Myeloid Leukemia (AML) C. Guillan Barre D. Increase Intracranial Pressure (ICP) E. Cerebrovascular Accident (CVA) F. Amyotrophic Lateral Sclerosis G. Spinal Cord Injury H. Myasthenia Gravis
Lecture	1	II	Professional Role/Healthcare Quality A. Quality and Safety Education for Nursing (QSEN) standards B. National Academy of Medicine
Lecture	4.5	III	Thermoregulation A. Central Nervous System (CNS) infection - meningitis/encephalitis B. Tuberculosis (TB) C. Brain tumors D. Spinal cord injury E. Infections
Lecture	4.5	IV	Immunity A. Human Immunodeficiency Virus (HIV)/Acquired Immunodeficiency Syndrome (AIDS) B. Systemic lupus erythematosus (SLE) C. Organ donation D. Hodgkin's lymphoma E. Allergic rhinitis F. Anaphylaxis G. Infection H. Autoimmune disorders
Lecture	3.5	V	Cellular Regulation A. Anemia B. Leukemia C. Brain tumors D. Malignant benign neoplasms E. Hematology F. Oncology
Lecture	1	VI	Glucose Regulation A. Chemotherapy
Lecture	2.5	VII	Nutrition A. Central line

			B. HIV/AIDS
Lecture	2	VIII	Elimination A. Spinal Cord Injury (SCI) B. Cerebrovascular Accident (CVA) C. Infections and inflammation
Lecture	4.5	IX	Perfusion A. Spinal cord B. Trauma C. Brain injury D. Heme disorder E. Organ donation F. Oncological disorders G. Hematologic disorders H. Hemophilia I. Leukemia
Lecture	4.5	X	Gas Exchange A. Sickle cell anemia B. Folic acid deficiency C. Iron deficiency anemia D. Spinal cord injury
Lecture	2.5	XI	Hormonal Regulation A. Pituitary tumor B. Diabetes Insipidus
Lecture	1	XII	Sexuality A. HIV/AIDS
Lecture	1	XIII	Comfort A. Chemotherapy B. Malignant/benign neoplasms C. End of life care
Lab	10	XIV	Clinical Orientation A. Hospital specific policies and procedures B. Course specific policies and procedures
Lab	8	XV	Pre-Clinical Conference A. Discuss Plan of Care (POC) for the day
Lab	16	XVI	Clinical Lab (One Patient) A. Provide direct patient care for one adult patient with moderate to severely ill patients B. Receive and give partial shift reporting. C. Administration of routine and as needed (PRN) medications 1. Oral 2. Subcutaneous 3. Intramuscular (IM)

			<ul style="list-style-type: none"> 4. Intravenous piggy back (IVPB) D. Perform routine skills associated with direct patient care <ul style="list-style-type: none"> 1. Vital signs 2. Intake and output (I & O) 3. Patient teaching 4. Assist with dressing change 5. Tube feeding care 6. Glucose monitoring with covering of insulin based on sliding scale E. Shadow the RN's assigned to specific patient
Lab	38	XVII	<p>Clinical Lab (Two Patients)</p> <ul style="list-style-type: none"> A. Provide direct patient care for two adult patients with moderate to severely ill patients B. Receive and give partial shift reporting. C. Administration of routine and as needed (PRN) medications <ul style="list-style-type: none"> 1. Oral 2. Subcutaneous 3. Intramuscular (IM) 4. Intravenous piggy back (IVPB) D. Perform routine skills associated with direct patient care <ul style="list-style-type: none"> 1. Vital signs 2. Intake and output (I & O) 3. Patient teaching 4. Assist with dressing change 5. Tube feeding care 6. Glucose monitoring with covering of insulin based on sliding scale E. Shadow the RN's assigned to specific patient
Lab	47	XVIII	<p>Clinical Lab (Three Patients)</p> <ul style="list-style-type: none"> A. Provide direct patient care for three adult patients with moderate to severely ill patients B. Receive and give partial shift reporting. C. Administration of routine and as needed (PRN) medications <ul style="list-style-type: none"> 1. Oral 2. Subcutaneous 3. Intramuscular (IM) 4. Intravenous piggy back (IVPB) D. Perform routine skills associated with direct patient care <ul style="list-style-type: none"> 1. Vital signs 2. Intake and output (I & O) 3. Patient teaching 4. Assist with dressing change 5. Tube feeding care 6. Glucose monitoring with covering of insulin based on sliding scale E. Shadow the RN's assigned to specific patient
Lab	8	XIX	<p>Post Conference</p> <ul style="list-style-type: none"> A. Discuss experience throughout the clinical day

Lab	8	XX	Simulation Lab A. Provide care of the moderate to severely ill adult patients in a simulate environment
Total Lecture Hours	36		
Total Laboratory Hours	135		
Total Hours	171		

IV. PRIMARY METHOD OF EVALUATION AND SAMPLE ASSIGNMENTS

A. PRIMARY METHOD OF EVALUATION:

Skills demonstrations

B. TYPICAL ASSIGNMENT USING PRIMARY METHOD OF EVALUATION:

Based on readings from the textbook and current evidence-base practice, present a 20-minute critical thinking case study that analyzes and incorporates pathophysiology, medical history, medication management, nursing process and evaluation of laboratory values.

C. COLLEGE-LEVEL CRITICAL THINKING ASSIGNMENTS:

Review the assigned case study. Analyze the patient information including laboratory data and establish appropriate nursing interventions for a patient at the end of life. Examine laboratory reports of an actual/hypothetical oncology patient including but not limited to a complete blood count (CBC) and comprehensive panel (CCP). Utilize this data to construct a two- to three-page report that includes possible pathophysiologic concerns and identified evidenced-based nursing interventions.

Develop a nursing care plan that includes the concepts of pharmacological management as they apply to patients with hematologic, immunologic, infectious, oncologic, and neurologic pathologies; as well as patients with pain and patients who are at the end of life.

D. OTHER TYPICAL ASSESSMENT AND EVALUATION METHODS:

Performance exams
Objective Exams
Quizzes
Written homework
Laboratory reports
Class Performance
Term or other papers
Multiple Choice
Completion
Matching Items
Other (specify):
ATI exams
Clinical Evaluations

V. INSTRUCTIONAL METHODS

Demonstration
Discussion
Group Activities
Laboratory
Lecture
Multimedia presentations

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
Skill practice
Required reading

Estimated Independent Study Hours per Week: 4

VII. TEXTS AND MATERIALS

A. UP-TO-DATE REPRESENTATIVE TEXTBOOKS

Pearson. Nursing: A Concept-Based Approach to Learning, Volume I. 2nd ed. Pearson, 2015.
Pearson. Nursing: A Concept-Based Approach to Learning, Volume II. 2nd ed. Pearson, 2015.
Pearson. Clinical Nursing Skills: A Concept-Based Approach to Learning, Volume III. 2nd ed. Pearson, 2015.
American Psychological Association. Publication manual of the American Psychological Association. 6th ed. Washington DC: American Psychological Association, 2009.
State of California Board of Registered Nursing. California Nursing Practice Act with Regulations and Related Statutes. Charlottesville, VA: LexisNexis, 2017.

B. ALTERNATIVE TEXTBOOKS

C. REQUIRED SUPPLEMENTARY READINGS

ATI e Book on the ATI website, <https://www.atitesting.com/Home.asp>

Karch, A.M. Focus on Nursing Pharmacology, 6th ed. Philadelphia: Lippincott, 2013

Porth, C.M. (2015) Essentials of Pathophysiology (4th ed.), Philadelphia: Lippincott, Williams, and Wilkins.

Pickar, G. & Abernathy, A. (2013) dosage Calculations (9th ed.) Clifton, NY: Delmar Cengage Learning

D. OTHER REQUIRED MATERIALS

Nursing 242 Clinical Evaluation Tool

Skills Check-off Sheet

VIII. CONDITIONS OF ENROLLMENT

A. Requisites (Course and Non-Course Prerequisites and Corequisites)

Requisites	Category and Justification
Course Prerequisite Nursing-230 AND	Sequential
Course Prerequisite Nursing-234 AND	Sequential

Course Prerequisite Nursing-232 AND	Sequential
Course Prerequisite Nursing-238	Sequential

B. Requisite Skills

Requisite Skills
<p>Students will demonstrate the application of the nursing process and development of effective communication skills when working with patients who have mental health disorders.</p> <p>NURS 230 - Apply the nursing process in care of a patient within the mental health setting and utilize the techniques of a therapeutic nurse-patient relationship.</p> <p>NURS 230 - Compare and contrast effective communication skills based on the values, morals and belief system related to the patient's culture.</p> <p>NURS 230 - Examine mental health disorders causing impulsive/poor coping behaviors leading to eating disorders, sleeping disorders and other maladaptive coping behaviors.</p>
<p>Students will be able to describe the impact of psychological and physiological postpartum complications on the patient and newborn.</p> <p>NURS 232 - Describe postpartum adaptations and complications for cesarean and vaginal deliveries, including, but not limited to bonding and attachment, family adaptation, maternal role attainment, hemorrhage, shock, and thromboembolic disorders.</p> <p>NURS 232 - Describe the adaptation and assessment of the normal newborn during performance of newborn assessment, including comparison of various types of newborn feeding, the problems related to gestational age and acquired congenital conditions in the high-risk newborn.</p> <p>NURS 232 - Discuss the maternal, fetal, and neonatal effects of the most common infections that may occur during pregnancy.</p>
<p>The student will identify concepts of growth and development as it relates to nursing care of children undergoing disorders of the physiological systems and the impact on their families.</p> <p>NURS 234 - Identify concepts related to the disruption of growth and development patterns across the life span.</p> <p>NURS 234 - Apply all steps of the nursing process to manage the care of pediatric patients and their families experiencing physiological, safety and security, love and belonging, self-esteem, and self-actualization needs.</p> <p>NURS 234 - Identify examples of relevant and recent research findings, particularly as they relate to nursing care of children and their families undergoing disorders to the physiological systems.</p>
<p>Demonstrate safe and competent skills in caring for the patient when providing oxygenation, nutrition, body mechanics, elimination and medical administration.</p> <p>NURS 238 - Apply critical thinking techniques when presented with clinical scenarios during practice and performance of skills.</p> <p>NURS 238 - Demonstrate basic nursing skills, medical and surgical asepsis, physical hygiene, vital signs, oxygenation, nutrition, body mechanics, elimination, and medication administration.</p> <p>NURS 238 - Use appropriate equipment and demonstrate basic nursing skills in a safe and competent manner.</p>

C. Recommended Preparations (Course and Non-Course)

Recommended Preparation	Category and Justification
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D. Recommended Skills

Recommended Skills

E. Enrollment Limitations

Enrollment Limitations and Category	Enrollment Limitations Impact
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Students must be admitted into the Nursing Program	
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Course created on 05/10/2018.

BOARD APPROVAL DATE: 07/16/2018

LAST BOARD APPROVAL DATE: 5/21/19

Last Reviewed and/or Revised by Mary K. Moon on 05/10/2018

Last Reviewed and/or Revised by Mary K. Moon

Date: March 26, 2019

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