



El Camino College

COURSE OUTLINE OF RECORD – Approved

I. GENERAL COURSE INFORMATION

Subject and Number: Nursing 222
Descriptive Title: Medical Surgical Nursing - Older Adult
Course Disciplines: Nursing
Division: Health Sciences and Athletics

Catalog Description:

In this course, students will gain skills to assess and care for patients in the hospital setting. Emphasis will be placed on the care of the older adult population and includes critical thinking, legal and ethical issues within the nursing profession. Concepts include hormonal regulation, glucose regulation, perfusion, pain, communication, safety, functional ability, family dynamics, self-management and health promotion, intracranial regulation, cognition, interpersonal violence, ethics, health care law, sensory perception, mobility, and tissue integrity.

Conditions of Enrollment:

Prerequisite: Nursing 220 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: 6.00 hours per week TBA

Course Units: 4.00

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. **Human Needs:** Student will apply the nursing process to meet the human needs of the adult patient in a safe, competent, and ethical manner.
2. **Nutritional Needs:** Students will use the nursing process to meet the nutritional needs of the older adult patient.
3. **Identify Data:** Student will be able to identify subjective and objective data to collect and analyze when assessing a patient experiencing pain.

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 evidence-based research information in the application of fundamental nursing care.
 - Performance exams
2. Analyze the relationships among disease process, clinical presentation, and nursing management of patients with selected health problems.
 - Performance exams
3. Identify the legal and ethical responsibilities of a nurse.
 - Objective Exams
4. Distinguish between the common physical changes seen in aging and pathological conditions seen in the older adult population.
 - Objective Exams
5. Utilize the nursing process by collecting and organizing patient data to develop a plan of care.
 - Clinical Evaluations
6. Apply the nursing process at a beginning level of skill to interpret and manage the responses of the patient to actual or potential health problems.
 - Clinical Evaluations
7. Integrate use of the nursing process, professional behavior, and evidence-based practice in the delivery of patient-centered care to adults with health problems.
 - Clinical Evaluations
8. Communicate with patients using professional and therapeutic techniques in a health care setting.
 - Clinical Evaluations
9. Provide a safe environment for patients within the healthcare setting by being vigilant monitoring for unsafe conditions.
 - Clinical Evaluations
10. Assess cultural, spiritual, and bio-psychosocial factors when developing a nursing diagnosis and relevant interventions.
 - Clinical Evaluations
11. Provide basic nursing care for one to two patients in a healthcare setting.
 - Clinical Evaluations
12. Use critical thinking skills as a framework for clinical decision-making.

- Clinical Evaluations

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	4	I	Hormonal Regulation, Glucose Regulation A. Diabetes
Lecture	10	II	Perfusion A. Hypertension B. Hyperlipidemia C. Peripheral vascular disease
Lecture	3	III	Pain A. Acute pain B. Chronic pain
Lecture	3	IV	Communication A. Therapeutic communication techniques B. National patient safety goals, improve staff communication C. Situation, background, assessment, recommendation (SBAR)
Lecture	3	V	Safety A. Environmental factors B. National patient safety goals C. Quality and Safety Education for Nurses (QSEN) D. National Academy of Medicine E. Fire safety F. Patient falls G. Seizure precautions H. Restraints
Lecture	3	VI	Functional Ability, Intracranial Regulation, Hormonal Regulation, Cognition A. Common biological theories of aging B. The normal aging process C. Differentiate between delirium, dementia, and depression in the older adult D. Postmortem care
Lecture	3	VII	Self-Management, Health Promotion A. Demographics of older adults in the United States B. Negative stereotypes of older adults C. The role of gerontological nursing D. Care settings for older adults
Lecture	3	VIII	Family Dynamics, Interpersonal Violence, Ethics, Health Law A. Ethical and legal consideration of aging B. The use of advanced directives, living wills, and durable power of attorney

			C. The grieving process
Lecture	4	IX	Sensory Perception, Mobility, Intracranial Regulation, Tissue Regulation, Hormonal Regulation A. Eyes 1. Glaucoma 2. Macular degeneration 3. Cataracts B. Ears 1. Hearing loss C. Musculoskeletal system 1. Osteoporosis 2. Osteoarthritis D. Neurologic system 1. Parkinson's disease 2. Shingles E. Endocrine system 1. Hypothyroidism
Lab	10	X	Clinical Evaluations A. Medical records B. Physical assessment C. Documentation D. Roles of health care team E. Communication F. Nursing process G. Medication administration H. Organization I. Clinical skills
Lab	15	XI	Chart Assessment and Utilization A. Vital sign sheet B. Intake and output C. Nursing flow sheet D. Progress notes E. History and physical examination F. Doctor's orders G. Nurse's admission assessment H. Medication administration record I. Laboratory record J. Diabetic flow sheet K. Treatment records
Lab	19	XII	Medical Administration A. Patient assessment B. Drug research C. Use of nursing process for medication administration D. Medication administration record E. Six rights of medication administration F. Medical and surgical asepsis
Lab	19	XIII	Nursing Management of Patients with Pain A. Pain assessment 1. Acute

			<p>2. Chronic</p> <p>B. Pain assessment scale</p> <p>C. Patient assessment</p> <p>D. Develop a plan of care</p> <p>E. Pharmacological and nonpharmacological interventions</p> <p>F. Evaluation of pain relief</p>
Lab	20	XIV	<p>Nursing Management of Patients with Hypertension</p> <p>A. Assessment of patient's history of hypertension</p> <p>B. Medical interventions</p> <p>C. Diet</p> <p>D. Weight reduction and exercise recommendations</p> <p>E. Pharmacologic interventions</p> <p>F. Evaluation of interventions</p> <p>G. Prepare patient teaching</p>
Lab	20	XV	<p>Nursing Management of Patient With Type 2 Diabetes Mellitus</p> <p>A. Assessment of patient's diabetic history</p> <p>B. Assess patient's laboratory results</p> <p> 1. Glycosylated hemoglobin</p> <p>C. Assess patient's blood glucose</p> <p>D. Diet</p> <p>E. Weight reduction and exercise recommendations</p> <p>F. Pharmacologic interventions</p> <p>G. Evaluation of interventions</p> <p>H. Prepare patient teaching</p>
Lab	5	XVI	<p>Geriatric Nutritional Assessment</p> <p>A. Patient's history</p> <p>B. Patient's biographical data</p> <p>C. Twenty-four hour diet history</p> <p>D. Medical diagnosis</p> <p>E. Medications</p> <p>F. Physical assessment</p> <p>G. Anthropometric data</p> <p>H. Laboratory data</p> <p>I. Develop plan of care</p> <p>J. Summary</p>
Total Lecture Hours		36	
Total Laboratory Hours		108	
Total Hours		144	

IV. PRIMARY METHOD OF EVALUATION AND SAMPLE ASSIGNMENTS

A. PRIMARY METHOD OF EVALUATION:

Substantial writing assignments

B. TYPICAL ASSIGNMENT USING PRIMARY METHOD OF EVALUATION:

Collect biographical data, medical diagnosis, medical orders and treatments, medications, laboratory and diagnostic test results on a specific patient. Conduct a physical assessment and according to the patient's diagnosis, determine what

important assessments and care is warranted. Put together a nursing care plan while prioritizing the identified problems.

C. COLLEGE-LEVEL CRITICAL THINKING ASSIGNMENTS:

Conduct a geriatric nutritional assessment on one of your assigned patients. Collect the patient's medical and dietary history by researching the chart and conducting a personal interview. Complete a physical assessment, collecting the patient's medical diagnosis, prescribed medications, anthropometry measurements, and laboratory test results. Evaluate the clinical findings to determine if the patient's dietary behaviors are meeting their nutritional needs. The analysis will include how the patient's disease process and prescribed medications may impact their ability to develop and maintain sound nutrition. Develop a nursing care plan to implement interventions to improve the patient's dietary outcome.

1. Select one patient in the clinical setting with a diagnosis of hypertension, diabetes mellitus type 2, or hyperlipidemia. Review the patient's medical record to evaluate the length of time with the diagnosis, laboratory values, medications, diet, and activity orders. Depending on the patient's diagnosis, assess the blood pressure, blood glucose, or cholesterol trends, prepare a teaching session to be presented to the patient and family, student clinical group, or clinical staff.

D. OTHER TYPICAL ASSESSMENT AND EVALUATION METHODS:

- Performance exams
- Objective Exams
- Quizzes
- Reading reports
- Written homework
- Laboratory reports
- Class Performance
- Term or other papers
- Multiple Choice
- Clinical Evaluations

V. INSTRUCTIONAL METHODS

- Demonstration
- Discussion
- Group Activities
- Lecture
- Multimedia presentations
- Simulation

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

Estimated Independent Study Hours per Week: 4

VII. TEXTS AND MATERIALS

A. UP-TO-DATE REPRESENTATIVE TEXTBOOKS

Callahan, B.. Clinical Nursing Skills a Concept-based Approach to Learning. 3rd ed. Hoboken, NJ: Pearson Education Incorporation, 2015.
Giddens, J.F.. Concepts For Nursing Practice. 2nd ed. St Louis, MO: Elsevier Incorporation, 2017.
LexisNexis. California Nursing Practice Act. Charlottesville, VA: Matthew Bender & Company, 2017.
Pearson Education Incorporation. Nursing A Concept-based Approach To Learning. 2nd ed. Hoboken, NJ: Pearson Education, Incorporation, 2015.

B. ALTERNATIVE TEXTBOOKS

C. REQUIRED SUPPLEMENTARY READINGS

D. OTHER REQUIRED MATERIALS

Nurse Pack
Stethoscope
Sphygmomanometer
Dove Hospital Uniform, Name tag
Assessment Technologies Institute (ATI) Testing Package
My Nursing Lab Online Tutorials

VIII. CONDITIONS OF ENROLLMENT

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

Requisites	Category and Justification
Course Prerequisite Nursing-220	Sequential

B. Requisite Skills

Requisite Skills
Students must need skills from Fundamental Nursing Skills to advance to this class NURS 220 - Identify and apply an understanding of professional nursing roles and legal ethical nursing standards. NURS 220 - Demonstrate and practice the principles of medical and surgical asepsis. NURS 220 - Identify the steps of the nursing process by relating how it applies to nursing care. NURS 220 - Apply the use of the nursing process in formulating nursing care plans. NURS 220 - Utilize the nursing process to safely demonstrate nursing skills. NURS 220 - Demonstrates the skills necessary to safely care for patients. NURS 220 - Identify safety issues related to patient care. NURS 220 - Identify Maslow's and Kalish's and Watson's theoretical principles and how they affect the care of the patient. NURS 220 - Utilize evidence-based information from this course and research related findings in the application of fundamental nursing care.

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
Students must be admitted into the Nursing Program	

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 Deborah Heming on 05/10/2018

Last Reviewed and/or Revised by Deborah Heming

Date: March 26, 2019

20245