



# El Camino College

## COURSE OUTLINE OF RECORD - Launched

### I. GENERAL COURSE INFORMATION

**Subject and Number:** Nursing 226  
**Descriptive Title:** Nursing Skills Practicum I

**Course Disciplines:** Nursing

**Division:** Health Sciences and Athletics

**Catalog Description:** In this course, students will apply theoretical concepts and practice skills to maintain and promote the four domains of care which includes the patient, professional nursing, health, illness, and the healthcare environment. Students will use the appropriate equipment and gain skill competency by practicing basic nursing skills in the skills lab. Competencies, as they relate to physical assessment, parenteral medication administration, wet-to-moist dressing change, nasogastric tube insertion, feeding and removal, and gastrostomy or jejunostomy feeding will be assessed. Emphasis will be placed on hands-on practice based on the following nursing concepts: medical and surgical asepsis, physical hygiene, vital signs, oxygenation, nutrition, body mechanics, elimination, and medication administration.

**Conditions of Enrollment:**

**Prerequisite**

Nursing 143  
AND

Nursing 144  
AND

Nursing 146  
with a minimum grade of C in all prerequisites

**Enrollment Limitation**

Students must be admitted into the Nursing Program and Students must have completed the readiness Assessment Test ATI Test of Essential Academic Skills (ATI-TEAS) with the state recommended passing score.

**Course Length:**  Full Term  Other (Specify number of weeks):  
**Hours Lecture:** hours per week  TBA  
**Hours Laboratory:** 1.50 hours per week  TBA  
**Course Units:** 0.50

**Grading Method:** Letter  
**Credit Status**

**Transfer CSU:**  No  
**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. **Medication Administration:** Student will demonstrate safe and accurate medication administration via the parenteral routes.
2. **Assessment:** Student will demonstrate assessment of all systems from head to toe in 10 minutes.
3. **Infection Control:** Student will demonstrate the principles of infection control when performing wound care.

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. Perform skills in a professional manner, utilizing legal/ethical concepts.  
Performance exams
2. Apply effective therapeutic communication techniques during the practice and performance of skills.  
Performance exams
3. Describe concepts and principles that are basic to the safe performance of nursing skills.  
Performance exams

4. Describe and perform the key elements of a complete physical assessment using a lab mannequin or a lab partner.

Performance exams

5. Perform wound care, utilizing principles of asepsis and sterile techniques.

Performance exams

6. Prepare and administer medications via the parenteral routes.

Performance exams

7. Use appropriate equipment and demonstrate basic nursing skills in a safe and competent manner.

Performance exams

8. Perform each nursing skill taught in a timely manner, correctly with a maximum of two (2) cues.

Performance exams

9. Demonstrate placement, maintenance and removal of a nasogastric tube using a lab mannequin.

Performance exams

**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
Lab	1.5	I	<b>Tissue Integrity</b> A. Hand Hygiene B. Wet-to-moist dressing
Lab	1.5	II	<b>Safety</b> A. Parenteral medications
Lab	1.5	III	<b>Invasive Procedure</b> A. Nasogastric tube insertion, feeding and removal B. Gastrostomy or Jejunostomy feeding
Lab	1.5	IV	<b>Health Care Quality</b> A. Physical assessment
Lab	3	V	<b>Medical and Surgical Asepsis</b> A. Donning and removing personal protective equipment B. Isolation 1. Contact 2. Droplet 3. Airborne C. Sterile dressings D. Irrigation of wound E. Culture of wound
Lab	3	VI	<b>Physical Hygiene</b>

			<ul style="list-style-type: none"> <li>A. Oral hygiene including cleans upper and lower dentures</li> <li>B. Bed bath with back rub</li> <li>C. Perineal caer for female and male</li> <li>D. Foot Care</li> <li>E. Dress patient with affected arm</li> <li>F. Elastic stockings application               <ul style="list-style-type: none"> <li>1. Knee-high</li> <li>2. Thigh high</li> </ul> </li> <li>G. Sequential compression device</li> <li>H. Bedmaking               <ul style="list-style-type: none"> <li>1. Unoccupied</li> <li>2. Occupied</li> </ul> </li> </ul>
Lab	2	VII	<b>Vital Signs</b> <ul style="list-style-type: none"> <li>A. Body temperature</li> <li>B. Locate and palpate pulse sites</li> <li>C. Respiratory assessment</li> <li>D. Blood pressure reading</li> <li>E. Pain level assessment</li> </ul>
Lab	2	VIII	<b>Oxygenation</b> <ul style="list-style-type: none"> <li>A. Oxygen therapy</li> <li>B. Pulse oximetry</li> </ul>
Lab	2	IX	<b>Nutrition</b> <ul style="list-style-type: none"> <li>A. Intake and output</li> <li>B. Blood glucose monitoring</li> <li>C. Weight of ambulatory patient (measure and record)</li> </ul>
Lab	3	X	<b>Body Mechanics</b> <ul style="list-style-type: none"> <li>A. Positioning the patient</li> <li>B. Transfers from bed to chair and wheelchair               <ul style="list-style-type: none"> <li>1. Transfer belt</li> <li>2. Hoyer lift</li> </ul> </li> <li>C. Assists to ambulate using transfer belt</li> <li>D. Performs passive range of motion</li> </ul>
Lab	3	XI	<b>Elimination</b> <ul style="list-style-type: none"> <li>A. Foley catheter insertion, care and removal               <ul style="list-style-type: none"> <li>1. Female</li> <li>2. Male</li> </ul> </li> <li>B. Urinary output (Measure and Record)</li> <li>C. Assist with use of bedpan</li> </ul>
Lab	3	XII	<b>Medication Administration</b> <ul style="list-style-type: none"> <li>A. Oral</li> <li>B. Nasogastric tube</li> <li>C. Gastrostomy or Jejunostomy tube</li> </ul>
<b>Total Lecture Hours</b>		0	
<b>Total Laboratory Hours</b>		27	
<b>Total Hours</b>		27	

#### **IV. PRIMARY METHOD OF EVALUATION AND SAMPLE ASSIGNMENTS**

##### **A. PRIMARY METHOD OF EVALUATION:**

Skills demonstrations

##### **B. TYPICAL ASSIGNMENT USING PRIMARY METHOD OF EVALUATION:**

Demonstrate the steps used in performing a head to toe physical assessment, utilizing the appropriate equipment and medical terminology.

##### **C. COLLEGE-LEVEL CRITICAL THINKING ASSIGNMENTS:**

1. Demonstrate the proper administration of parenteral medications to ensure that the medication is deposited within the correct tissue and prevent the patient from experiencing any complications or injuries. Identify factors that help determine the size and proper syringe and length of needle to be used. Using the six rights of medication administrations, give the injection using the proper technique.
2. Demonstrate the steps used in inserting a nasogastric tube. Review the patient assessment data and document the following information: a) Procedure and observations b) size and type of tube inserted c) time of insertion or removal d) patient's response to procedure e) instructions given to patient/caregiver f) communication with provider.

##### **D. OTHER TYPICAL ASSESSMENT AND EVALUATION METHODS:**

Performance exams

Class Performance

#### **V. INSTRUCTIONAL METHODS**

Demonstration

Laboratory

**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**

Course is lab only - minimum required hours satisfied by scheduled lab time and estimated student hours outside of class per week is zero.

**Estimated Independent Study Hours per Week:****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, Vol. III. 2nd ed. Pearson, 2015.

**B. ALTERNATIVE TEXTBOOKS****C. REQUIRED SUPPLEMENTARY READINGS**

American Psychological Association (APA). (2009). *Publication Manual of the American psychological association* (6th Ed.). Washington, DC: APA

State of California Board of Registered Nursing. (2017). *California nursing practice act with regulations and related statutes*. Charlottesville, VA: LexisNexis.

**D. OTHER REQUIRED MATERIALS**

Basic Nurse Pac

Physical Assessment Kit

Stethoscope

Sphygmomanometer

Pen light

Watch with second hand

Skills Competency Check Lists

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

Requisites	Category and Justification
Course Prerequisite Nursing-143 AND	Sequential
Course Prerequisite Nursing-144 AND	Sequential
Course Prerequisite Nursing-146	Sequential

**B. Requisite Skills**

Requisite Skills
<p>Students need to understand the dynamic aspects of the professional nurse in a variety of settings, to be able to think critically and communicate effectively considering patient's unique cultural and developmental needs. NURS 143 -</p> <p>Identify the nurse's role and responsibilities in communication with patient's across the lifespan while considering the patient's cultural and developmental attributes.</p> <p>NURS 143 -</p> <p>Demonstrate critical thinking with the application of initial conversion and mathematical</p>

<p>skills in computing drug dosages.                      NURS 143 -                      Evaluate how the evidence-based practice impacts biophysical outcomes in patient care.</p>
<p>Apply the mathematical concepts in calculating oral and parenteral drug dosages for children and adults.                      NURS 144 -                      Demonstrate the application of mathematical concepts when calculating oral and parenteral drug dosages for adults.                      NURS 144 -                      Carefully interpret medication labels and medication administration records to safely administer drug dosages utilizing the six rights of medication administration.                      NURS 144 -                      Demonstrate the ability to calculate safe oral and parenteral drug dosages for pediatric patients.                      NURS 144 -                      Demonstrate the ability to safely prepare and administer accurately calculated medication dosages in a simulated clinical environment.</p>
<p>The student must demonstrate competency performing health assessments to demonstrate and identify normal versus common abnormal findings for biophysical body structures and functions. NURS 146 -                      Gather data for a biophysical health history from an adult client.                      NURS 146 -                      Compare and contrast normal and common abnormal findings for the biophysical body structures and systems.                      NURS 146 -                      Document normal and abnormal findings and complete basic history and physical examination of all the body systems using correct terminology.                      NURS 146 -                      Analyze and evaluate the findings from health and physical examinations utilizing the nursing process and critical thinking skills.                       NURS 146 -                      Perform a physical assessment from head to toe utilizing the appropriate equipment and medical terminology.</p>

**C. Recommended Preparations (Course and Non-Course)**

Recommended Preparation	Category and Justification
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**D. Recommended Skills**

Recommended Skills
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**E. Enrollment Limitations**

Enrollment Limitations and Category	Enrollment Limitations Impact
<p>Students must be admitted into the Nursing Program and                      Students must have completed the readiness Assessment Test ATI Test of Essential Academic Skills (ATI-TEAS) with the state recommended passing score.</p>	

Course created .

**BOARD APPROVAL DATE:**

**LAST BOARD APPROVAL DATE:**

**Last Reviewed and/or Revised by Julie Meredith on 05/14/2018**

20247