

**College of San Mateo
Official Course Outline**

1. **COURSE ID:** NURS 815 **TITLE:** Transition from 1st Year to 2nd Year: Medical Surgical Nursing
Units: 0.5 - 1.5 units **Hours/Semester:** 8.0-27.0 Lecture hours; and 16.0-54.0 Homework hours
Method of Grading: Pass/No Pass Only
Prerequisite: NURS 212

2. **COURSE DESIGNATION:**

Non-Degree Credit
Transfer credit: none

3. **COURSE DESCRIPTIONS:**

Catalog Description:

This course focuses on refining and practicing competency in knowledge and skills application as the first year nursing student transitions to the second year. The areas of focus include multi-system physical assessment skills, communication skills, nursing process, IV therapy and vascular accesses, wound care and healing, and medication dosage calculations. Knowledge and skills will be used in simulation activities and case scenarios.

4. **STUDENT LEARNING OUTCOME(S) (SLO'S):**

Upon successful completion of this course, a student will meet the following outcomes:

1. Apply nursing methods, protocols and procedures to appropriate care situations.

5. **SPECIFIC INSTRUCTIONAL OBJECTIVES:**

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

1. Apply nursing methods, protocols and procedures to appropriate care situations. a. Using a case scenario, evaluate a multi-system physical assessment including a pain assessment and wound healing. b. Using physician orders, calculate advanced medication dosage calculations, label accurately, and set the IV pumps. c. Use proper technique to start a peripheral IV and other related skills. d. Practice medication dosage calculation using various techniques.
2. Use the nursing process, which emphasizes critical thinking, independent judgment and continual evaluation as a means to determine nursing activities. a. Using the nursing process, develop a comprehensive acute care CSM format/Electronic Health Record in preparation for Medical/Surgical patient care.
3. Demonstrate using the SBAR format, demonstrate effective skills in communicating information, advice and professional opinion to colleagues.

6. **COURSE CONTENT:**

Lecture Content:

1. Basic Building Blocks for MS Nursing
 - A. Physical Assessment
 - a. Head to Toe
 - b. Normal or Minor Variations
 - c. Possible Abnormalities
 - i. Systems
 - a. Primary Assessments
 - b. Secondary Assessments
 - B. Pain Assessment
 - a. Algorithm
 - C. Wound Healing and Assessment
 - a. Undermining
 - b. Tunneling
 - D. Lab Values
 - a. Elytes
 - b. ABGs
 - c. Hgb & Hct
 - E. Starting an IV
 - F. Local Complications of Peripheral IVs

- G. Management of Vascular Access Devices
- H. Practicing and performing skills related to the Operative Patient
 - I. Communication and IP skills
 - a. SBAR
 - b. Hand-Off Responsibility
 - i. RN-RN
 - ii. RN-MD
 - c. Therapeutic Interventions
 - d. Lab Values
 - J. Nursing Process
 - a. CSM Worksheets: 2nd year/SIM Chart
 - b. Physical Assessment
 - K. Medication Dosage Calculations
 - a. Medication Dosage Rules
 - b. First Year
 - i. Basic Medication Calculations
 - ii. Infusion Time
 - iii. IVs: Basic Calculations
 - c. Second Year
 - i. mL/hr
 - ii. mg/hr
 - iii. mg/min
 - iv. units/hr
 - d. Setting the pumps

7. REPRESENTATIVE METHODS OF INSTRUCTION:

Typical methods of instruction may include:

- A. Other (Specify): Lecture, Case Studies, Web-assisted Online Activities, Simulation, Group Work

8. REPRESENTATIVE ASSIGNMENTS

Representative assignments in this course may include, but are not limited to the following:

Writing Assignments:

Students work in small groups to develop written nursing care plans based on the case study work in class. Students also complete a "mock" clinical prep sheet based on the case study presented. The written patient care documents are reviewed and discussed in a large group format.

Reading Assignments:

Students are required to use program assigned texts when performing in class writing assignments. Reading assignments are based on case studies presented in class and students must find the appropriate text book pages that will give information about the individual case study.

Other Outside Assignments:

Demonstrate two select technical skills.

9. REPRESENTATIVE METHODS OF EVALUATION

Representative methods of evaluation may include:

- A. Final Performance
- B. Lab Activities
- C. Quizzes

10. REPRESENTATIVE TEXT(S):

Possible textbooks include:

- A. Ignatavicius, D., Workman, M., & Mishler, M. *Medical-Surgical Nursing*, 10th ed. Philadelphia, PA: Elsevier, 2021

Possible software includes:

- A. DocuCare. Wolters Kluwer, Most recent ed.

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Course Originator: Janis Wisherop