

College of San Mateo
Official Course Outline

1. **COURSE ID:** NURS 817 **TITLE:** Open Lab for Nursing 221/222

Units: 0.5 units **Hours/Semester:** 24.0-27.0 Lab hours

Method of Grading: Pass/No Pass Only

Prerequisite: Previous or concurrent enrollment in NURS 221 and/or NURS 222.

2. **COURSE DESIGNATION:**

Degree Credit

Transfer credit: none

3. **COURSE DESCRIPTIONS:**

Catalog Description:

Students practice skills and receive faculty feedback and evaluation, engage in study sessions with peer tutors, demonstrate competency assessment and receive faculty evaluation, complete clinical or skills laboratory make-up assignments, and learn effective skills in a group setting. Focus is on skills and concepts related to NURS 221 Pediatric Nursing and NURS 222 Maternity Nursing.

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.
2. Use the nursing process, which emphasizes critical thinking, independent judgment, and continual evaluation as a means to determine nursing activities.
3. Evaluate professional learning needs and take steps to meet them.

5. **SPECIFIC INSTRUCTIONAL OBJECTIVES:**

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

1. Gather pertinent data from patient, family, SBAR report, and electronic health care record and utilize critical thinking skills to differentiate normal data from abnormal in a simulated situation.
2. Complete a developmental comparison of a delayed versus normal child in a simulated setting.
3. Perform and document pediatric physical assessments in a simulated setting.
4. Complete a pediatric pain assessment in a simulated setting.
5. Correctly perform treatments and administration of medications taking into account the variations in technique required by the pediatric patient in a simulated setting.
6. Utilize principles of medical asepsis and isolation techniques in a simulated setting.
7. Communicate effectively to patient and family, with consideration of developmental needs, in a simulated setting.
8. Assess the woman's recovery from the birth process with a thorough postpartum assessment in a simulated setting.
9. Demonstrate a systematic neonatal assessment in a simulated environment.
10. Correctly perform treatment and administer medications for maternal/newborn patients in a simulated setting.
11. Demonstrate competency on designated skills during digitally recorded evaluations.

6. **COURSE CONTENT:**

Lab Content:

NURS 221 Pediatric Nursing:

Skills Taught:

- Med Administration for Pedi: PO - Liquids, IM Sub-Q, Rectal, IV Volutrol
- Physical Assessment for Pedi: Weighing and Measuring, Plot on Growth Chart, Pedi History Taking from Parent
- Pain Assessment Video and Discussion
- Epidural Pain Control
- Denver II Developmental Assessment
- Pedi Vital Signs
- Pedi Math: Body Weight, Body Surface Area

- Chest PT/Postural Drainage
- CVP Dressing Changes
- Insertion of an NG tube in a pediatric patient
- Gastrostomy feeding with button
- Pulse Oximetry with bedside monitor
- Suctioning with a bulb syringe

Skills Lab Competent:

- *Medication Administration Test
- Vital Sign Assessment and Implications for Pediatrics
- Physical Assessment using Children in Lab
- Pedi IM Injection
- Assessment of IV Skills: *Use of Buretrol/Volutrol; *Pain Assessment Using FACES or VAS (Visual Analysis Scale)
- CVP Dressing Changes

NURS 222 Maternity Nursing:

Skills Taught:

- Physical Assessment: PP & Newborn
- Gestational Age Assessment
- Med Administration: IM Review, IVPB, Meds for Newborn, IM, Eye Ointments, Adding Medication to Primary Bag, i.e. Pitocin, IV Pump
- Newborn Bath
- Cord Care
- I & O
- Circumcision Care
- Breast Feeding
- Interpretation of Fetal Monitor Strips
- Take AM Report for unit
- Prioritize care for Patients (PP & Nursery)
- Breast Self-Exam
- Testicular Exam
- Venipuncture with Vacutainer
- Heel Stick-Neonate
- Blood Administration
- IV Insertion

Skills Lab Competent:

- Adding Secondary line, IVPB
- *IM Injection for Neonate
- *Medication Administration Test
- Teaching Breast Feeding
- Care for 1st Day PO C-Section
- Newborn Assessment
- Individual Interpretation of Fetal Monitor Strips
- Clinical Scenarios for Labor Induction and Pregnancy Induced Hypertension
- Venipuncture with Vacutainer
- Blood Administration
- Assessment of IV Skills: Adding secondary line, IVPB; Use of IV pump; IV insertion and taping IV

7. REPRESENTATIVE METHODS OF INSTRUCTION:

Typical methods of instruction may include:

- A. Observation and Demonstration
- B. Other (Specify): Concept mapping, video assessment for competency with feedback using simulations, real-life scenarios, group learning called "clinics" based on individual and group learning needs.

8. REPRESENTATIVE ASSIGNMENTS

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

Writing Assignments:

The students review skills books and write care plans and medication cards.

Reading Assignments:

The students have assigned readings in the skills text book.

9. REPRESENTATIVE METHODS OF EVALUATION

Representative methods of evaluation may include:

- A. Lab Activities
- B. Simulation
- C. Competency checklists: students give feedback to each other, digital recordings and live assessment for competency with feedback. Instructor does individual and group progress checks in meeting learning outcomes. Student can be self-referred, instructor-referred, making up clinical lab, or practicing for competency assessment.

10. REPRESENTATIVE TEXT(S):

Possible textbooks include:

- A. Perry, S. E., Lowdermilk, D. L., Cashion, K., Alden, K. R., Hockenberry, M. J., Wilson, D., & Rodgers, C... *Maternal child nursing care study guide*, 6th ed. Philadelphia, PA: Elsevier, 2018
- B. Perry, S. E., Lowdermilk, D. L., Cashion, K., Alden, K. R., Hockenberry, M. J., Wilson, D., & Rodgers, C... *Maternal child nursing care*, 6th ed. Pennsylvania: Elsevier, 2018
- C. Taketomo, K. *Pediatric and Neonatal Dosage Handbook*, 24th ed. Hudson, OH: Lexicomp, 2017

Other:

- A. 1. Nursing 221
Nurse kit 2 CSM Bookstore.
- 2. Nursing 222
Nurse kit 3 CSM bookstore

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Course Originator: Natalie Waechtler