I. **OVERVIEW**
The following information will appear in the 2009 - 2010 catalog

**NURSE 262 Nursing Process: Skills**  
0.5 Unit

**Prerequisite:** Satisfactory completion of NURSE 260 and NURSE 261.  
**Corequisite:** Concurrent enrollment in NURSK 800.  
**Limitations on Enrollment:** Enrollment based on program capacity.

This course prepares the nursing student to perform nursing skills necessary for satisfactory participation in the obstetrics and pediatric clinical setting. Skills included in this course are: intravenous therapy, gavage feeding, infant bathing, delivery table set-up, and correct administration of medications.

**Materials Fee Required**
Field trips are not required. (P/NP Only) /Lab  
**Transfer:** (CSU)

II. **LEARNING CONTEXT**
Given the following learning context, the student who satisfactorily completes this course should be able to achieve the goals specified in Section III, Desired Learning:

A. **COURSE CONTENT**

1. **Required Content:**

2. **Required Lab Content:**

   1. Intravenous therapy  
      a. Indications  
      b. Procedure  
      c. Complications  
   2. Infant feeding with a feeding tube  
      a. Indications  
      b. Procedure  
      c. Potential complications  
   3. Infant bathing  
      a. Safety concerns  
      b. Procedure  
   4. Medication administration  
      a. Calculating pediatric dosages  
      b. Calculating IV rates, including administration of IVPB medications  
   5. Delivery table  
      a. Sterile technique  
      b. Demonstration

B. **ENROLLMENT RESTRICTIONS**

1. **Prerequisites**

   Satisfactory completion of NURSE 260 and NURSE 261.

2. **Co-requisites**
Concurrent enrollment in NURSK 800.

3. **Limitations on Enrollment**
   Enrollment based on program capacity.

4. **Requisite Skills**
   *Before entering the course, the student will be able to:*
   
   a. Ability to complete calculations, drug classifications, and nursing responsibilities in medication administration.

   b. Apply fundamental concepts and principles of nursing process to care and needs of patients within the acute care setting. Apply therapeutic communication, patient teaching, professional ethics, and legal aspects of nursing. Apply physical assessments and care of patients experiencing alterations in basic health needs.

C. **HOURS AND UNITS**

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D. **METHODS OF INSTRUCTION (TYPICAL)**
   *Instructors of the course might conduct the course using the following method:*

1. This course will be taught by lecture, collaborative learning experiences, guided discussion, audio-visual materials, simulated lab activities, demonstration, return demonstration, and peer practice.

2. Demonstration of venipuncture technique,

3. Demonstration and practice bathing an infant mannequin.

4. Assist students to calculate IV flow rates and pediatric medications based on weight.

5. Demonstration of delivery table set-up.

6. Demonstration of secondary IV medication preparation and administration.

7. Demonstration and practice of steps for inserting gavage tube and administering feeding on an infant mannequin.

E. **ASSIGNMENTS (TYPICAL)**

1. **EVIDENCE OF APPROPRIATE WORKLOAD FOR COURSE UNITS**
   *Time spent on coursework in addition to hours of instruction (lecture hours)*

   Lab only - no outside-of-class hours required.

2. **EVIDENCE OF CRITICAL THINKING**
   *Assignments require the appropriate level of critical thinking*

   Computer lab assignments/quiz regarding intravenous therapy knowledge. Example question...The patient is to receive 300 ml of IV fluids over 4 hours. Using an infusion set with a drop factor of 10 gtt/min, how many drops per minute to be administered?

   Patient Simulation demonstrating intravenous initiation, infant bathing, infant gavage feeding.
Medication administration exam. Example question...ORDER: Tagamet 400 mg PO at bedtime. AVAILABLE: Tagamet 300 mg/ml. How many milliliters will you give? (to the nearest hundredth).

F. TEXTS AND OTHER READINGS (TYPICAL)


5. Other: Nursing 262 Nursing Process Syllabus

III. DESIRED LEARNING

A. COURSE GOAL

As a result of satisfactory completion of this course, the student should be prepared to:

perform the nursing skills necessary for participation in the Maternity and Pediatric clinical setting. Skills include intravenous therapy, gavage feeding, infant bathing, delivery table set-up, and correct administration of medications.

B. STUDENT LEARNING GOALS

Mastery of the following learning goals will enable the student to achieve the overall course goal.

1. Required Learning Goals

Upon satisfactory completion of this course, the student will be able to:

a. Demonstrate the steps in preparing the IV bag for administration using aseptic technique.

b. Demonstrate the steps in the procedure for performing venipuncture on a mannequin.

c. Calculate an IV flow rate using a standard formula.

d. State at least two potential complications that can occur with intravenous infusions and one suggested solution for each problem.

e. Perform two (2) venipunctures on peers.

f. Describe indications for blood transfusions.

g. Describe the safety checks utilized to ensure proper blood is administered to the patient.

h. Identify the signs and symptoms associated with blood transfusion reactions.

i. Compare and contrast the difference between bathing a newborn in the hospital nursery and an infant on the pediatric unit.

j. Demonstrate a baby bath utilizing safety techniques.

k. Outline the steps for inserting a gastric tube and administering a feeding for an infant.

l. Discuss a potential problem that may occur with a tube feeding and a suggested solution.
m. Calculate a pediatric medication dosage.

n. Demonstrate sterile technique in setting up a delivery table.

2. **Lab Learning Goals**

*Upon satisfactory completion of the lab portion of this course, the student will be able to:*

a. Demonstrate the steps in preparing the IV bag for administration using aseptic technique.

b. Demonstrate the steps in the procedure for performing venipuncture.

c. Calculate an IV flow rate using a standard formula.

d. Demonstrate secondary IVPB medication administration.

e. State at least two potential complications that can occur with intravenous infusion and one suggested solution for each problem.

f. Compare and contrast the differences between bathing a newborn in the hospital nursery and an infant on the pediatric unit.

g. Demonstrate a baby bath utilizing safety techniques.

h. Outline the steps for inserting a gastric tube and administering a feeding for an infant.

i. Discuss a potential problem that may occur with a tube feeding and a suggested solution.

j. Demonstrate sterile technique in setting up a delivery table.

k. Calculate a pediatric medication dosage.

IV. **METHODS OF ASSESSMENT (TYPICAL)**

A. **FORMATIVE ASSESSMENT**

1. Medication administration exam.

2. Intravenous therapy quiz.

B. **SUMMATIVE ASSESSMENT**

1. Demonstrate correct venipuncture technique on a mannequin with instructor approval.

2. Demonstrate delivery table set-up.

3. Demonstrate infant bathing with lab mannequin.

4. Demonstrate correct administration of medication including intravenous medication.

5. Demonstrate correct calculation of pediatric medication dosage.

6. Demonstrate the steps for inserting a gastric tube and administering a feeding for an infant.