COMMON COURSE OUTLINE: Course discipline/number/title: PNM 1330: Introduction to Pharmacology II

A. CATALOG DESCRIPTION
1. Credits: 1
2. Hours/Week: .5 hour lecture and .5 hour lab per week
3. Prerequisites (Course discipline/number): Satisfactory completion of all Semester I PNM requirements. Previous or concurrent registration in PSYC 2618. Concurrent registration in PNM 1320 and PNM 1340.
4. Co-requisites (Course discipline/number): None
5. MnTC Goals (if any): NA

This course builds on principles of Introduction to Pharmacology I. Methods for calculating parenteral dosages will be discussed. Principles related to the medication preparation and administration of parenteral medications will be emphasized. Specific parenteral medication action and effects will be discussed. Laboratory performance of parenteral skills will be demonstrated prior to clinical administration of medications to patients.

B. DATE LAST REVISED (Month, year): January, 2009

C. OUTLINE OF MAJOR CONTENT AREAS:
1. Complex math concepts and dosage calculations related to parenteral medications
2. Proper medication preparation and administration with parenteral medications
3. Professional responsibilities, and LPN role in relation to parenteral medications
4. Data collection related to parenteral medications
5. Use of medication resources, medication delivery systems related to parenteral medications
6. Medication abbreviations and symbols related to parenteral medications
7. Medication abbreviations and symbols related to parenteral medications
8. Documentation of parenteral medication administration
9. Pharmacotherapeutic needs of the elderly with parenteral medications

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
1. Continue to demonstrate accurate dosage calculations with parenteral medications.
2. Utilize medication resources regarding the following:
   a) Identify basic pharmacology principles related to drug classifications with parenteral medications.
   b) Identify basic pharmacology principles related to therapeutic effects with parenteral medications.
   c) Identify basic pharmacology principles related to side effects with parenteral medications.
   d) Identify basic pharmacology principles related to nursing interventions for parenteral medications.
3. Demonstrate appropriate communication techniques in explaining parenteral medication administration.
4. Interpretation of drug orders and abbreviations and symbols related to parenteral medications.
5. Demonstrate appropriate data collection prior to parenteral medication administration.
6. Demonstrate proper medication preparation with parenteral medication administration.
7. Demonstrate proper medication administration with parenteral medications.
8. Identify professional responsibilities within scope of practice related to parenteral medication administration.

E. LEARNING OUTCOMES (MNTC):

F. METHODS FOR EVALUATION OF STUDENT LEARNING:
1. Laboratory demonstration of competency in parenteral medication administration (Practical skills tests)
2. Quizzes and exams
3. Minnesota Board of Nursing abilities of nursing skills and procedures in the lab
4. Assignments & Classroom projects

G. SPECIAL INFORMATION (if any): None