

Course discipline/number/title: PNM 1200: Pharmacology for Practical Nursing

A. CATALOG DESCRIPTION

1. Credits: 3
2. Hours/Week: 2 lecture, 3 lab
3. Prerequisites (Course discipline/number): BIOL 1107 and ENGL 1117
4. Other requirements: This course requires admission to the Practical Nursing Program.
5. MnTC Goals (if any): NA

B. COURSE DESCRIPTION: This pharmacology course provides concepts of basic pharmacology and methods of calculating drug dosages. Principles and skills related to medication preparation and administration of non-parenteral and parenteral medications emphasized. Medication classification, action and effects discussed. Laboratory performance of non-parenteral and parenteral medications demonstrations prior to clinical administration of medications to patients.

C. DATE LAST REVISED (Month, year): February, 2023

D. OUTLINE OF MAJOR CONTENT AREAS:

1. Basic and complex math concepts and dosage calculations related to medications
2. Student demonstration of medication administration
3. Licensed Practical Nurse role in medication administration
4. The use of medications resources and delivery systems
5. Common health record data collection for medication administration
6. Medication abbreviations and symbols related to health care industry
7. Medication health record documentation
8. Students understanding of pharmacokinetic across lifespans

E. LEARNING OUTCOMES (GENERAL): The student will be able to:

1. Demonstrate accurate drug dosage calculations with parenteral and non-parenteral medications.
2. Identify basic pharmacology principles of:
 - a) drug classifications.
 - b) therapeutic effects.
 - c) adverse effects.
 - d) nursing interventions.
3. Understand drug labels, orders, and abbreviations related to medication administration.
4. Demonstrate appropriate data collection prior to parenteral and non-parenteral medication administration.
5. Demonstrate proper medication preparation and administration of parenteral and non-parenteral medications.
6. Identify professional responsibilities within LPN scope of practice related to medication administration.
7. Demonstrate proper documentation of medications administration.

F. LEARNING OUTCOMES (MNTC): NA

G. METHODS FOR EVALUATION OF STUDENT LEARNING: Methods may include but are not limited to:

1. Laboratory demonstration
2. Exams
3. Quizzes
3. Assignments

H. RCTC CORE OUTCOME(S). This course contributes to meeting the following RCTC Core Outcome(s): Critical Thinking. Students will think systematically and explore information thoroughly before accepting or formulating a position or conclusion.

I. SPECIAL INFORMATION (if any): None