Course Information Form (CIF)

Course Code: NUR 117

Course Title: Introduction to Medication Principles for Nurses

Department: Nursing
PCS Code: 1.2 - Occupational/Technical Instruction
CIP Code: 51.3801
Repeatability: 0

Effective Date: Summer 2026

Credit Hours

Catalog Notation: 1-0-1
Credit Hour Distribution:

Lecture: 1	Lab: 0	Clinical: 0	**Total: 1**

General Course Information

Catalog Description

Introduction to basic pharmacologic principles. Emphasis on knowledge needed to safely administer medications and the nursing role and responsibilities.

General Course Objectives

Prepare the student for their role as nurses, administering medications in a complex health care environment.

Minimum Placement Levels

English	Reading	Math
Placement out of ENG 099	Placement out of CCS 099	Placement out of MAT 072

Prerequisites

Credit or concurrent enrollment in BIO 121, ENG 101, and NUR 113
Admission into the Nursing program

Methods of Evaluation

4 general quizzes, 1 calculation quiz, culture exploration assignment, midterm, and final exam.

Instructional Materials and Additional Supplies

Pharmacology: Connections to Nursing Practice, optional calculation materials. 978-0-13-486736

Course Content

General Learning Outcomes (GLOs)

- Reasoning and Inquiry: Students will demonstrate the ability to solve problems using deductive reasoning and logic, quantitative reasoning, or the scientific method.
- Global Awareness and Cultural Reasoning: Students will demonstrate their understanding of global issues, gender and sexual orientation, and multicultural perspectives.

Course Segments and Student Learning Outcomes

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
Special Populations	1. Utilize lifespan information to discuss alterations for pregnancy, lactation, pediatric, and geriatric populations. 2. Verbalize pregnancy and lactation classifications for medications.	3	0	0
Role of the Nurse in the Administration of Medication	1. Describe how the nursing process is used in the administration of drugs. 2. Discuss the interaction of nursing's role with those of the physician and pharmacist.	1	0	0
The Principles of Pharmacology which Guide Drug Use	1. Explain basic principles of drug action. 2. Relate the effects and possible side effects of medications to basic health needs.	4	0	0
Nursing Responsibilities for Safely Administering Medications	1. List components of safe medication administration. 2. Identify resources for obtaining information about drugs. 3. Identify situations in which to seek assistance regarding the medication regimen.	3	0	0
Math Knowledge in Calculating Drug Dosages	1. Solve medication problems using basic math skills. 2. Use common equivalents to convert between household and metric systems in solving medication problems. 3. Apply formulas and conversions to calculate drug dosages.	1	0	0
Critical Information in Select Drug Categories for the Safe Administration of Medications	1. List the actions and uses for each of these drug groups. 2. Identify nursing responsibilities associated with drug dosage, actions, uses, adverse reactions, and interactions. 3. Relate information necessary for teaching a patient/client about the prescribed medication.	3	0	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
15	0	0