



Course Description

PRN0035C | Pharmacology | 3.00 credits

The purpose of this course is to examine pharmacotherapeutic agents used in the treatment of illness and the promotion, maintenance, and restoration of wellness in diverse individuals. It focuses on drug classification, concepts, and principles of pharmacology, with special consideration for the nursing role in developing a comprehensive approach to the clinical application of drug therapy through the use of the nursing process. Nursing implications relative to the utilization of drug therapy are examined. Safety and legal implications of drug administration are discussed. (90 Contact Hrs.)

Course Competencies:

Competency 1: Apply pharmacology, pharmacokinetics, and pharmacodynamics principles to medication therapy

Competency 2: Recognize the major classifications of medications, common medications within each classification, their side effects, and contraindications

Competency 3: Discuss nursing implications, effectiveness, and safety concepts when performing medication administration

Competency 4: Recognize that each client's unique physiology and body system function will influence the pharmacokinetics and pharmacodynamics of medication therapy

Competency 5: Understand medication administration's legal and ethical implications/aspects

Competency 6: Identify primary pathophysiologic conditions and correlate the pharmacotherapeutic interventions utilized in client care.

Competency 7: Apply standard mathematical principles to calculate dosages of prescribed pharmacologic agents accurately

Learning Outcomes:

- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Demonstrate knowledge of ethical thinking and its application to issues in society