A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 0
Lab Hours/Week: 0
OJT Hours/Week: *.*

Prerequisites:
This course requires either of these prerequisites
   BIOL 1200 - Human Biology
   BIOL 2515 - Anatomy & Physiology I

Corequisites: None
MnTC Goals: None

This course will provide the student the opportunity to examine pharmacotherapeutic agents, including homeopathic and complementary therapies, 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, ethical, legal implications of drug administration are discussed. (3 credits: 3 lecture/0 lab)

B. COURSE EFFECTIVE DATES: 03/26/2020 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Principles of Pharmacology
2. Safe Medication Administration
3. Introduction to Major Drug Classifications

D. LEARNING OUTCOMES (General)

1. Apply principles of pharmacology, pharmacokinetics, and pharmacodynamics to medication therapy. (EPSLO 3)
2. Identify the major classifications of medications, common medications within each classification, nursing implications, side effects, and contraindications. (EPSLO 3)
3. Describe how each patient's unique physiology and body system function will influence the pharmacokinetics and pharmacodynamics of medication therapy. (EPSLO 1)
4. Discuss the legal and ethical implications of medication administration. (EPSLO 7)
5. Identify basic physical, cognitive, and mental conditions as they relate to pharmacologic interventions. (EPSLO 1, 3, 6, 8)
6. Discuss nursing implications and concepts of safety and patient education when performing medication administration. (EPSLO 1, 2, 5, 6)

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus
G. SPECIAL INFORMATION

None noted