A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 3
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: NURS 1400 and NURS 1410

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: 08/01/2021 - 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

This course may require use of the Internet, the submission of electronically prepared documents and the use of a course management software program. Students who have a disability and need accommodations should contact the instructor or Student Services at the beginning of the semester. Special program needs include a calculator, nursing uniform, insignia patch, Minnesota State College Southeast name tag, stethoscope, and watch with a second hand. A student enrolled in this course must have current immunizations, CPR certification, passed a background check, and must be able to provide their own transportation to class and clinical locations. The student must also be of good health and able to lift and transfer patients without restriction.