A. Course Description

Credits: 1

Lab Hours/ Weeks: Corequisites: None

Lecture Hours/ Week :

MnTC Goals: None

This course introduces the student to relationship between pharmacologic knowledge and nursing practice through exposure to concepts of pharmacodynamics, pharmacokinetics, and pharmacogenomics. Students will explore drug prototypes from major drug categories, including their actions, therapeutic and adverse effects, contraindications and interactions with other drugs, used with diverse individuals across the lifespan. Competence Statement: Knows concepts of pharmacology well enough to identify risks and benefits associated with pharmacological interventions.

B. Course Effective Dates: 08/16/2013 - 05/06/2014 05/07/2014 - 08/18/2018 08/19/2018 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. Analyze individual variables across the lifespan which influence patient outcomes related to drug therapy
2. Describe the concepts of pharmacodynamics, pharmacokinetics and pharmacogenomics in relation to therapeutic outcomes.
3. Identify the role of the nurse in safe medication management.
4. Discuss the principles of antimicrobial therapy.

E. Learning Outcomes (MN Transfer Curriculum)

This contains no goal areas.

G. Special Information

Prerequisite: Admitted to EL-MSN program. Co-Requisites: NURS 304 and NURS 325.