A. Course Description

Credits: 1

Prerequisites: NURS 404 Essential Concepts of Pharmacology II AND NURS 409 Holistic Nursing Care of Women, Children, and Families

Lab Hours/ Weeks: Corequisites: None

Lecture Hours/ Week :

MnTC Goals: None

This course builds on the content presented in NURS 306 and NURS 404. Students will explore principles of pharmacodynamics, pharmacokinetics and pharmacogenomics in relation to specified categories of pharmacotherapeutics. Students will explore drug prototypes from major drug categories, including their actions, therapeutic and adverse effects, contraindications and interactions with other drugs, for select specialty populations with complex health needs. Competence Statement Knows concepts of pharmacology well enough to identify risks and benefits associated with specified categories of pharmacotherapeutics for select specialty populations with complex health needs.

B. Course Effective Dates: 05/10/2014 - 08/17/2018 08/18/2018 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. Identify physiologic characteristics of infants, children and pregnant women that affect pharmacokinetics and pharmacodynamics.
2. Classify prototype drugs of major categories of pharmacotherapeutics prescribed for select specialty populations.
3. Apply pharmacological concepts for safe medication management for select specialty populations.

E. Learning Outcomes (MN Transfer Curriculum)

This contains no goal areas.

F. Special Information

None