

**A. Course Description**

Credits: 1

Prerequisites: NURS 304 Fundamental Concepts of Professional Nursing AND NURS 306 Essential Concepts of Pharmacology I

Corequisites: NURS 400P - Intensive Practicum I

This course builds on the content presented in NURS 306. 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 adults and older adults. Competence Statement Knows essential concepts of pharmacology well enough to identify risks and benefits associated with specified categories of pharmacotherapeutics for adults and older adults.

**B. Course Effective Dates:** 12/15/2013 - 05/05/2014 05/06/2014 - 12/15/2017 12/16/2017 - 12/17/2018 12/18/2018 - Present

**C. Outline of Major Content Areas:**

See Course Description for major content areas.

**D. Learning Outcomes (General)**

1. Identify physiologic changes in older adults that affect pharmacokinetics and pharmacodynamics.
2. Classify prototype drugs from major categories of pharmacotherapeutics prescribed for adults and older adults.
3. Apply select pharmacological concepts for safe medication management for adults and older adults.

**E. Learning Outcomes (MN Transfer Curriculum)**

This contains no goal areas.

**G. Special Information**

Note: This course is for ELMSN students only. Co-Requisites: NURS 309 and NURS 400P.