

# Minnesota State University Moorhead

## **NURS 409: Pharmacology for Nurses**

### **A. COURSE DESCRIPTION**

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course will provide students with an expanded knowledge base needed to safely monitor and evaluate response to medications for clients of all ages. Students will learn the basics of pharmacokinetics and pharmacodynamics. Actions, indications, interactions, side effects, nursing implications, and client education for select major drug groups are addressed.

**B. COURSE EFFECTIVE DATES:** 10/29/2012 - Present

### **C. OUTLINE OF MAJOR CONTENT AREAS**

#### **D. LEARNING OUTCOMES (General)**

1. Apply the basic principles of pharmacodynamics and pharmacokinetics of drugs including absorption, distribution, metabolism and elimination.
2. Describe pharmacological properties of prototype medications in major drug categories.
3. Develop client education plans for drug therapy management and monitoring based on scientific pharmacological principles.
4. Explain the nurse's responsibility for evaluating the clients' reaction to drug therapy including subjective and objective assessment findings, along with the economic and life style changes affecting the client system.
5. Utilize pharmacological concepts to understand and predict potential drug interactions.

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

None

#### **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

#### **G. SPECIAL INFORMATION**

None noted