Faculty is required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

DEPT. Nursing COURSE NUMBER: 1130

NUMBER OF CREDITS: 3 Credits

COURSE TITLE: Pharmacology I

CATALOG DESCRIPTION: Introduces pharmacological concepts, drug classifications, and effects of drugs on the client. The course prepared the student for dosage calculations and the administration of medications.

AUDIENCE: Students that have been accepted into the Minnesota West Practical Nursing Program.

FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)

PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE: Acceptance into the Practical Nursing Program.

LENGTH OF COURSE: One Semester

THIS COURSE IS USUALLY OFFERED:

Four goals are emphasized in course at Minnesota West Community & Technical College:

1) ACADEMIC CONTENT: The academic objectives of this course are to identify basic concepts, principles, procedures, and safe dosage calculations when administering medication in the healthcare system.

2) THINKING SKILLS: This course will help students improve the effectiveness of their thinking skills through applying the nursing process to medication administration.

3) COMMUNICATIONS SKILLS: This course will help students improve their oral and written communication skills through client teaching related to safe medication administration.
4) HUMAN DIVERSITY: This course will help students recognize, understand, and appreciate human diversity through recognizing the special considerations of diverse populations receiving pharmacological nursing interventions.

COURSE LEARNING OUTCOMES (GENERAL):
SLO: INFORMATICS/TECHNOLOGY: Recognize reliable information related to pharmacology that supports patient care, reduces reliance on memory, and enhances competency within the practice setting.
SLO: MANAGING CARE: Identify management and organization of care in the patient receiving various pharmacological therapies.
SLO: NURSING JUDGEMENT/EVIDENCE-BASED CARE: Recognize the major classifications of medications, common medications within each classification, potential/actual complications (side effects), contradictions and rationales for medication administration.
SLO: PATIENT/RELATIONSHIP CENTERED CARE: Describing the nursing process when administering pharmacological therapies in the plan of care for patients across the lifespan.
SLO: PATIENT/RELATIONSHIP CENTERED CARE: Review learning needs for patients taking various classifications of medications.
SLO: PROFESSIONAL IDENTITY AND BEHAVIOR: Describe the legal and ethical implications/aspects of medication administration.
SLO: SAFETY: Describe principles of safe medication administration in relation to pharmacology, pharmacokinetics, and pharmacodynamics and the nurses’ role in preventing medication errors.
SLO: SAFETY: Recognize one’s responsibility to prevent actual/potential patient complications related to pharmacological therapies.
SLO: TEAMWORK AND COLLABORATION: Review effective communication skills when working with interprofessional teams, documenting medication administration, and reporting adverse medication reactions and medication errors to appropriate team members.

STUDENT LEARNING OUTCOMES (SPECIFIC):

1. INFORMATICS/TECHNOLOGY: Utilize information technology in the health care setting.
2. MANAGING CARE: Utilize an established plan of care for an individual patient to organize or assign aspects of care under the direction of an RN or other HCP.
3. NURSING JUDGEMENT/EVIDENCE BASED CARE: Utilize evidence based nursing judgement when providing and prioritizing care and promoting the health of patients across the lifespan.
4. PATIENT/RELATIONSHIP-CENTERED CARE: Demonstrate therapeutic communication skills to practice holistic nursing that is patient and family centered, culturally sensitive and based on the physiological, psychosocial and spiritual needs of patients across the lifespan.
5. PROFESSIONAL IDENTITY AND BEHAVIORS: Demonstrate professional behaviors and accountability to legal and ethical nursing practice standards.
6. QUALITY IMPROVEMENT: Participate in quality improvement by recognizing opportunities for improvement and collaborating with the health care team to enhance effective and cost efficient health care services.
7. SAFETY: Promote quality care, recognize complications and provide a safe environment for patients, self, and others.

8. TEAMWORK AND COLLABORATION: Serve as a member of the interprofessional team using open communication, mutual respect, and shared decision making to promote safe, quality, patient centered care.

LEARNING/TEACHING TECHNIQUES used in the course are:
- Collaborative Learning
- Student Presentations
- Creative Projects
- Lecture
- Demonstrations
- Lab

- Problem Solving
- Interactive Lectures
- Individual Coaching
- Films/Videos/Slides
- Other (describe below)
- Dosage Calculations

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:
- Reading
- Oral Presentations
- Textbook Problems
- Group Problems
- Other (describe below)

- Tests
- Worksheets
- Papers
- Term Paper
- Individual Projects
- Collaborative Projects
- Portfolio

Dosage calculations

Veteran Services: Minnesota West is dedicated to assisting veterans and eligible family members in achieving their educational goals efficiently. Active duty and reserve/guard military members should advise their instructor of all regularly scheduled military appointments and duties that conflict with scheduled course requirements. Instructors will make every effort to work with the student to identify adjusted timelines. If you are a veteran, please contact the Minnesota West Veterans Service Office.

The information in this course outline is subject to revision.

To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are encouraged to notify their instructor.

This document is available in alternative formats to individuals with disabilities by contacting the Student Services Advisor or by calling 800-658-2330 or via your preferred Telecommunications Relay Service.

A Member of the Minnesota State Colleges and Universities System
An Affirmative Action Equal Opportunity Educator/Employer

Revised 03/19/2019