

# MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

## COURSE OUTLINE

**DEPT. PHRM**

**COURSE NUMBER: 1100**

**NUMBER OF CREDITS: 5**

**Lecture: 3 Lab: 2 OJT 0**

<b>Course Title:</b>
Pharmacy Principles and Practices I

<b>Catalog Description:</b>
Pharmacy Principles and Practices I explores the principles of ethical thought as applied to the areas of pharmacy ethics which will include state and federal laws. Students will learn the organization and functions of retail and hospital pharmacy settings. This course will also introduce students to common uses of computers and their practical applications in a pharmacy setting. The roles and responsibilities of a pharmacy technician will be explored as well as Occupational Safety and Health Act (OSHA) and Health Insurance Portability and Accountability ACT (HIPAA) requirements will be covered.

<b>Prerequisites or Necessary Entry Skills/Knowledge:</b>
None

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

- ☐ Goal 1: Communication: By meeting the following competencies:
- ☐ Goal 2: Critical Thinking: By meeting the following competencies:
- ☐ Goal 3: Natural Sciences: By meeting the following competencies:
- ☐ Goal 4: Mathematics/Logical Reasoning: By meeting the following competencies:
- ☐ Goal 5: History and the Social and Behavioral Sciences: By meeting the following competencies:
- ☐ Goal 6: The Humanities and Fine Arts: By meeting the following competencies:
- ☐ Goal 7: Human Diversity: By meeting the following competencies:
- ☐ Goal 8: Global Perspective: By meeting the following competencies:
- ☐ Goal 9: Ethical and Civic Responsibility: By meeting the following competencies:
- ☐ Goal 10: People and the Environment: By meeting the following competencies:

<b>Topics to be Covered</b>
The basic concepts of pharmacy principles and practices.

<b>Student Learning Outcome</b>
Apply principles of pharmaceutical care and modern pharmacy practices.

Describe major pharmaceutical trends, issues and initiatives in the pharmacy profession.
Process prescription orders accurately and efficiently.
Apply principles of obtaining information from patients needed to fill a prescription.
Describe the organization of a patient medical record and patient profile in electronic and manual formats.
Collect patient information from the medical record.
Display an understanding of how prescription orders are received and processed.
Identify and scan for common medication errors.
Explain and identify pharmacy ordering and various inventory systems.
Assess appropriate measuring devices and procedures for various medications and dosage forms.
Describe the various roles of personnel involved in the operations of a pharmacy.
Describe responsibilities that are relevant to correctly filling and processing a prescription order.
Apply legal requirements related to interactions between patients, prescribers and other pharmacy settings.
Differentiate between the workflow processes as they appropriately apply to various pharmacy settings and systems.
Compare and be able to explain the difference in policies and procedures for inpatient and outpatient pharmacy processes.
Discuss professionalism and explore techniques used in difficult and challenging situations.
Understand and implement strategies and procedures dictated by OSHA and HIPAA and how they apply to the pharmacy setting.
Demonstrate appropriate dress and personal hygiene in working in a pharmacy setting.
Explain the life of a prescription to the client.
Describe and explain written patient information.
Explain the difference of methods of wellness promotion and disease prevention practices which include environmental factors that impact health.
Explain the state and federal requirements that are applicable to the various pharmacy settings.
Demonstrate communication skills and techniques in working with patients of diversity and/or of special needs, which include non-English speakers, vision or hearing problems, low reading level and difficulty understanding instructions.
Identify different types of diverse populations, such as diverse culture, religion age, gender, race, sexual orientation, transgender, disability and economic status.
Apply time and workflow management skills.
Demonstrate effective communication techniques.
Explain nonverbal communication techniques and assess the level of understanding of the client.
Identify communication barriers.

**Is this course part of a transfer pathway: Yes ☐ No ☒**

**\*If yes, please list the competencies below**