

HIBBING COMMUNITY COLLEGE COURSE OUTLINE

COURSE NUMBER & TITLE: PHAR 1015 - Fundamental Concepts of Pharmacy

CREDITS: 5 (Lec 4/ Lab 1)

PREREQUISITES: None

CATALOG DESCRIPTION: Basic principles of prescription processing. This class will provide to the student information necessary for preparation of the Technician Certification Exam in prescription processing.

OUTLINE OF MAJOR CONTENT AREAS:

- I. Pharmacy Systems (Conception-Birth-Expiration)
 - A. Processes – life of a prescription
 - B. Hospital
 - C. Retail
 - D. Hospice
 - E. Home Care
- II. Prescription Data Extraction
 - A. Gathering methods for obtaining data
 - B. Necessary data for prescription processing
 - C. Required information (elements):
 - prescriber
 - patient
 - legal
- III. Prescription Processing
 - A. Impact of third party payers
 - B. Adjudicating a claim
 - C. Verifying generated information against original document
 - D. Telephone orders, refill processing, refill links, IVR
- IV. Dispensing finished product to the patient
 - A. Review federal and state laws pertaining to finished products
 - B. Required counseling and/or written information provided to patients
 - C. Measurement devices for dosing prescriptions

COURSE GOALS/OBJECTIVES/OUTCOMES

The student will

1. Differentiate workflow processes as they apply to a pharmacy system.
2. Compare and contrast outpatient and inpatient processes.
3. Demonstrate an understanding of the “life flow” of a prescription.
4. Apply gathering techniques to obtain pertinent data needed to process a prescription.

5. Describe components of a prescription that are the responsibility of the prescriber, patient, and pharmacy.
6. Determine if a prescribers' DEA number is valid.
7. Describe roles of clerk, technician, and RPL.
8. Explain processes of prescription adjudication.
9. Demonstrate method of prescription verification systems.
10. Display an understanding of telephone, fax, and electronic prescription orders.
11. Display knowledge and application for auxiliary labeling.
12. Demonstrate appropriate use of measuring devices for finished prescription.
13. Describe written materials that must be provided to the patient.
14. Discuss the importance of a patient being receptive to counseling by the pharmacist.
15. Review the legal position on technician and patient interactions.

HCC COMPETENCIES MET:

Working Productively and Cooperatively and Communicating Clearly and Effectively

STUDENT CONTRIBUTIONS:

The student will attend all scheduled class sessions; participate in class discussion; complete required assignments, in-class exercises, and exams by their due date. Students are expected to listen, follow directions, and seek assistance and guidance as needed.

METHODS FOR EVALUATING STUDENT LEARNING:

The final grade is determined by grades earned on required assignments, in-class exercises, unit examinations, and a comprehensive final examination.

AASC APPROVAL DATE: February 25, 2014
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REVIEW DATE : February 2019

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