Wayne County Community College District

COURSE SYLLABUS

PHT 110 Institutional & Community Pharmacy

CREDIT HOURS: 5.00

CONTACT HOURS: 100.00

COURSE DESCRIPTION:
This course provides an overview of the organization, functions, and services provided by both institutional and community pharmacies. The role of the pharmacist and the pharmacy technician in each of these settings will be studied. Discussion topics include ethical, legal, and professional issues. Emphasis is placed on pharmacy standards and on hospital and organizational (as in the case of health maintenance organizations and community pharmacies) policy and procedures. Introduction to pharmaceutical calculations. Laboratory included.

PREREQUISITES: PHT 100

COREQUISITE: PHT 105

EXPECTED COMPETENCIES:

- Comprehension) Explain how state laws and regulations determine what activities associated with receiving and screening prescription/medication orders for completeness and authenticity can be delegated by pharmacists to technicians. (ASPH 2.1)
- (Application) Exercise skill in the use of first-person and electronic systems to receive prescription/medication orders. (ASPH 2.2)
- (Analysis) When presented with a prescription/medication order, accurately and efficiently assess for completeness. (ASPH 2.3)
- (Application) Efficiently secure information to complete a prescription/medication order. (ASPH 2.4)
- (Analysis) When presented with a prescription/medication order, accurately and efficiently screen for authenticity. (ASPH 2.5)
- (Comprehension) Explain common situations when screening refills and renewals when the technician should notify the pharmacist of potential inappropriateness. (ASPH 2.6)
- (Comprehension) Explain how state laws and regulations determine what activities associated with preparing medications. (ASPH 3.1)
- Application) Accurately create a new patient profile or enter data into an existing profile according to an established manual procedure or electronic procedure. (ASPH 3.2)
- (Application) Use knowledge of a site’s storage system to efficiently secure the prescribed medications or devices from inventory. (ASPH 3.4)
- (Application) Accurately count or measure finished dosage forms as specified by the prescription/medication order. (ASPH 3.5)
- (Application) Collect the correct ingredients for sterile or non sterile products that require compounding. (ASPH 3.6)
- (Application) Accurately determine the correct amounts of ingredients for a compounded product. (ASPH 3.7)
- (Application) Follow safety policies and procedures in the preparation of all medications. (ASPH 3.11)
- (Application) Follow the manufacturer’s recommendation and/or the pharmacy’s guidelines for storage of all medications prior to distribution. (ASPH 3.19)
- (Application) Efficiently deliver the correct medication, equipment, device, or supplies to the correct patient or patient's representative. (ASPH 5.1)
• (Application) Follow established policies and procedures to record the distribution of prescription medications. (ASPH 5.2)

• (Application) Follow established policies and procedures to record the distribution of controlled substances. (ASPH 5.3)

• (Evaluation) Monitor utilization of medications to assure that use is congruent with the prescription/medication order for the patient. For distribution can be delegated by pharmacists to technicians. (ASPH 5.4)

• (Comprehension) Explain how state laws and regulations determine what activities associated with patient counseling to optimize the use of medications, equipment, and devices can be delegated by pharmacists to technicians. (ASPH 7.1)

• (Application) Accurately identify the customer's/patient's method of payment for a prescription/medication order. (ASPH 8.1)

• (Application) When presented with a new customer/patient for whom all required patient-specific information has not been obtained, use an appropriate interview strategy to secure the information. (ASPH 8.2)

• (Analysis) Exercise skill in the use of electronic systems to input third party information and to verify third party coverage for a prescription/medication order. (ASPH 8.3)

• (Application) When needed, accurately verify third party coverage for a prescription/medication order by phone. (ASPH 8.4)

• (Application) When appropriate, use knowledge of third party insurance billing procedures to identify the reason for a rejected claim and to convey that information accurately to the pharmacist. (ASPH 8.5)

• (Synthesis) Formulate an effective strategy that is sensitive to the concerns of the customer/patient for conveying third party payment coverage information and further action to be taken. (ASPH 8.6)

• (Application) Accurately complete third party claims forms. (ASPH 8.7)

• (Application) Accurately record the receipt of payment for pharmaceutical goods and services. (ASPH 8.8)

• (Complex Overt Response) Demonstrate skill in the operation of a cash register. (ASPH 8.9)

• (Application) Accurately make change. (ASPH 8.10)

• (Application) Accurately determine those items which are taxable. (ASPH 8.11)

• (Application) Determine payment due the health system for medication orders. (ASPH 8.12)

• (Application) Follow established policies and procedures to deter theft and/or medication diversion. (ASPH 10.9)

• (Application) Follow established policies and procedures to maintain a record of controlled substances received, stored, and removed from inventory. (ASPH 10.10)

• (Application) Follow established policies and procedures for monitoring the practice site and/or service area for compliance with federal, state, and local laws; regulations; and professional standards. (ASPH 11.1)

• (Comprehension) Explain how state laws and regulations determine what activities associated with monitoring of medication therapy can be delegated by pharmacists to technicians. (ASPH 14.1)

• (Comprehension) Explain the purpose of monitoring a patient's medication therapy. (ASPH 14.2)

• (Complex Overt Response) Demonstrate skill in monitoring procedures selected by the program for training (e.g., finger-stick blood draw for glucose monitoring and cholesterol screening, blood pressure, pulse). (ASPH 14.3)
• (Application) Use effective negotiation skills to resolve conflicts. (ASPH 19.1)
• (Comprehension) Compare and contrast the provision of direct patient care in various patient-care settings. (ASPH 30.1)

• (Application) Use knowledge of workflow management to effectively schedule the performance of one’s job responsibilities. (ASPH 31.1)
• (Application) Use knowledge of interpersonal skills to effectively manage working relationships. (ASPH 32.1)
• (Comprehension) Explain the use and side effects of prescription medications, nonprescription medications, and alternative therapies (e.g., herbal products, dietary supplements, homeopathy, and lifestyle modification) commonly used to treat diseases affecting the endocrine system. (ASPH 34.6)
• (Comprehension) Explain the use and side effects of prescription medications, nonprescription medications, and alternative therapies (e.g., herbal products, dietary supplements, homeopathy, and lifestyle modification) commonly used to treat diseases affecting the respiratory system. (ASPH 34.2)

ASSESSMENT METHODS:
Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

GRADING SCALE:
90%-100% = A
80%-89.9% = B
70%-79.9% = C
60%-69.9% = D
<60% = E