Wayne County Community College District

COURSE SYLLABUS

PHT 155   Pharmacy Technology Practicum

CREDIT HOURS: 7.00

CONTACT HOURS: 320.00

COURSE DESCRIPTION:
Supervised practice in an ambulatory and institutional pharmacy.

PREREQUISITES: *PHT 120 PHT 130*   **COREQUISITE:** *PHT 210*

EXPECTED COMPETENCIES:

- (Application) When presented with a specific patient case, collect pertinent patient information for use by the pharmacist from the medical chart, patient profile or medical record with efficiency and accuracy. (Partial) (ASHP 1.2)
- (Application) Effectively interview patients, their representatives, or their caregivers to collect pertinent patient information for use by the pharmacist. (Partial) (ASHP 1.3)
- (Application) Effectively query other health care professionals to collect pertinent patient information for use by the pharmacist. (Partial) (ASHP 1.4)
- (Application) Follow an established system for organizing collected patient-specific information in a useful electronic or manual format. (Partial) (ASHP 1.5)
- (Evaluation) When collecting patient-specific information for use by the pharmacist, identify situations where the patient requires the attention of the pharmacist. (Partial) (ASHP 1.6)
- (Application) Follow an established program to efficiently and accurately collect data for use by the pharmacist in medication use review. (Partial) (ASHP 1.7)
- (Application) Follow an established program to efficiently and accurately collect data for use by the pharmacist in managing pharmacy services. (Partial) (ASHP 1.8)
- (Application) Exercise skill in the use of first-person and electronic systems to receive prescription/medication orders. (Partial) (ASHP 2.2)
- (Analysis) When presented with a prescription/medication order, accurately and efficiently assess for completeness. (Partial) (ASHP 2.2)
- (Application) Efficiently secure information to complete a prescription/medication order. (Partial) (ASHP 2.3)
- (Analysis) When presented with a prescription/medication order, accurately and efficiently screen for authenticity. (Partial) (ASHP 2.5)
- (Application) Accurately create a new patient profile or enter data into an existing profile according to an established manual procedure or electronic procedure. (Partial) (ASHP 3.2)
- (Application) Follow established laws and protocols to select the appropriate product. (Partial) (ASHP 3.3)
- (Application) Use knowledge of a site's storage system to efficiently secure the prescribed medications or devices from inventory. (Partial) (ASHP 3.4)
- (Application) Accurately count or measure finished dosage forms as specified by the prescription/medication order. (Partial) (ASHP 3.5)
- (Application) Collect the correct ingredients for sterile or non sterile products that require compounding. (Partial) (ASHP 3.6)
- (Application) Accurately determine the correct amounts of ingredients for a compounded product. (Partial) (ASHP 3.7)
- (Complex Overt Response) Compound sterile products using appropriate techniques, equipment and devices. (Partial) (ASHP 3.8)

- (Complex Overt Response) Compound non sterile products using appropriate technique. (Partial) (ASHP 3.9)
- (Complex Overt Response) Compound cytotoxic and other hazardous medication products using appropriate technique. (Partial) (ASHP 3.10)
- (Application) Follow safety policies and procedures in the preparation of all medications. (Partial) (ASHP 3.11)
- (Application) Follow safety policies and procedures in the disposal of all hazardous and non hazardous wastes generated during medication preparation. (Partial) (ASHP 3.12)
- (Application) Package the product in the appropriate type and size of container using a manual process or automated system. (Partial) (ASHP 3.13)
- (Application) Follow an established manual procedure or electronic procedure to generate accurate and complete product labels. (Partial) (ASHP 3.14)
- (Application) Affix the appropriate primary and auxiliary labels to containers. (Partial) (ASHP 3.15)
- (Application) Follow established policies and procedures for recording the preparation of bulk, unit dose, and special doses of medications prepared for immediate or in anticipation of future use. (Partial) (ASHP 3.17)
- (Application) Follow established policies and procedures for recording the preparation of controlled substances. (Partial) (ASHP 3.18)
- (Application) Follow the manufacturer's recommendation and/or the pharmacy's guidelines for storage of all medications prior to distribution. (Partial) (ASHP 3.19)
- (Evaluation) Accurately assess the correctness of medications produced by other technicians including measurements, preparation technique, and packaging. (Partial) (ASHP 4.2)
- (Application) Efficiently deliver the correct medication, equipment, device, or supplies to the correct patient or patient's representative. (Partial) (ASHP 5.1)
- (Application) Follow established policies and procedures to record the distribution of prescription medications. (Partial) (ASHP 5.2)
- (Application) Follow established policies and procedures to record the distribution of controlled substances. (Partial) (ASHP 5.3)
- (Evaluation) Monitor utilization of medications to assure that use is congruent with the prescription/medication order for the patient. (Partial) (ASHP 5.4)
- (Application) Determine payment due the health system for medication orders. (Partial) (ASHP 8.12)
- (Application) Follow an established procedure for purchasing pharmaceuticals, devices, and supplies. (Partial) (ASHP 9.1)
- (Application) Follow established policies and procedures for receiving goods and verifying specifications on the original order. (Partial) (ASHP 10.2)
- (Application) Follow established policies and procedures for placing pharmaceuticals, durable medical equipment, devices, and supplies in inventory under proper storage conditions. (Partial) (ASHP 10.3)
- (Application) Follow established policies and procedures for removing from inventory expired/discontinued pharmaceuticals, durable medical equipment, devices, supplies, or recalled items in these same categories. (Partial) (ASHP 10.4)
- (Application) Follow established policies and procedures for documenting repackaging or the removal from inventory of expired/discontinued pharmaceuticals, durable medical equipment, devices, supplies, or recalled items in these same categories. (Partial) (ASHP 10.5)
- (Analysis) Identify pharmaceuticals, durable medical equipment, devices, and supplies to be ordered (e.g., "want book"). (Partial) (ASHP 10.6)

- (Application) Follow established policies and procedures to deter theft and/or medication diversion. (Partial) (ASHP 10.9)
- (Application) Follow established policies and procedures to maintain a record of controlled substances received, stored, and removed from inventory. (Partial) (ASHP 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. (Partial) (ASHP 11.1)
- (Application) Follow policies and procedures for sanitation management, hazardous waste handling (e.g., needles), and infection control (e.g., protective clothing). (Partial) (ASHP 12.1)
- (Application) Clean laminar flow biological safety cabinets using approved technique. (Partial) (ASHP 12.2)
- (Application) Maintain a clean and neat work environment. (Partial) (ASHP 12.3)
- (Application) Given a weighing or counting device, fluid compounder, or syringe pump used at a specific site, accurately calibrate the device, compounder or pump. (Partial) (ASHP 12.4)
- (Application) Follow manufacturers' guidelines in troubleshooting, maintaining, and repairing electronic devices used by the pharmacy in the preparation and dispensing of medications. (Partial) (ASHP 12.5)
- (Application) Follow the established protocol for recording the preparation of an investigational drug product. (Partial) (ASHP 13.2)
- (Application) Follow the established protocol for storage of investigational drug products. (Partial) (ASHP 13.3)
- (Application) Follow the established protocol to record the distribution of investigational medication products. (Partial) (ASHP 13.4)
- (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). (Partial) (ASHP 14.3)
- (Analysis) When a clinically significant adverse medication event (ADE) is identified, participate in determining the presence of any similar potential ADE's. (Partial) (ASHP 15.3)
- (Analysis) When a clinically significant ADE is identified, participate in formulating a strategy for preventing its reoccurrence. (Partial) (ASHP 15.4)
- (Organization) Take the initiative in identifying changes within one's own work processes which would improve the delivery of direct patient care. (Partial) (ASHP 16.1)
- (Characterization) Act ethically in the conduct of all job-related activities. (Partial) (ASHP 17.1)
- (Application) Dress in attire that follows the site's dress code. (Partial) (ASHP 18.1)
- (Application) Maintain personal hygiene. (Partial) (ASHP 18.2)
- (Characterization) Consistently maintain personal self-control and professional decorum. (Partial) (ASHP 18.3)
- (Application) Use effective negotiation skills to resolve conflicts. (Partial) (ASHP 19.1)
- (Application) Organize all written or oral communication in a logical manner. (Partial) (ASHP 25.1)
- (Application) Address all communication on the level appropriate for the audience. (Partial) (ASHP 25.2)
- (Application) Use correct grammar, punctuation, spelling, style, and formatting conventions in preparing all written communications. (Partial) (ASHP 25.3)
- (Application) Pronounce technical terms correctly. (Partial) (ASHP 25.4)
- (Application) Use listening skills effectively in performing job functions. (Partial) (ASHP 25.5)

- - (Application) Use effective strategies for communicating with patients who are non-English speakers or who are impaired (e.g., blind, deaf, cognitively impaired, illiterate). (Partial) (ASHP 25.6)
- - (Application) Effectively combine a knowledge of medical information systems to increase efficiency in performing practice responsibilities. (Partial) (ASHP 26.1)
- - (Application) Demonstrate proficiency with word processing, spread sheet, and database software. (Partial) (ASHP 26.2)
- - (Application) Demonstrate skill in the use of the internet, e-mail services, and computerized medication information databases. (Partial) (ASHP 26.3)
- - (Application) Demonstrate consistent use of a systematic approach to solving problems encountered in one's work as a technician. (Partial) (ASHP 27.1)
- - (Organization) Combine compassion with the delivery of pharmacy services. (Partial) (ASHP 28.1)
- - (Characterization) Display acceptance of an attitude of "caring" by conveying this attitude in all professional transactions with patients and their caregivers. (Partial) (ASHP 28.3)
- - (Application) Observe legal and ethical guidelines for safeguarding the confidentiality of patient information. (Partial) (ASHP 29.1)
- - (Application) Observe organizational policy for the safeguarding of proprietary business information. (Partial) (ASHP 29.2)
- - (Application) Use knowledge of workflow management to effectively schedule the performance of one's job responsibilities. (Partial) (ASHP 31.1)
- - (Application) Use knowledge of interpersonal skills to effectively manage working relationships. (Partial) (ASHP 32.1)
- - (Application) Apply the principles of quality assurance to all technician activities. (Partial) (ASHP 35.1)

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