

SLO Presentation

PHAR

Date: 09-15-2022

ISLO

Civic Engagement

- Students will develop values and beliefs in their role as a member of local, national and global societies to promote truth, fairness and goodwill to others. They will use the democratic process to further their values and beliefs and recognize and accept differing perspectives based on cultural diversity. They will engage in actions which provide service to others and have a positive impact on their local community.

Communication and Expression

- Students will demonstrate the ability to effectively and appropriately communicate their thoughts and ideas both in written and oral forms. They will develop verbal and non-verbal delivery skills, in an appropriate manner, to communicate their ideas as well as evaluate the ideas of others in a wide variety of contexts.

Critical Thinking and Quantitative Reasoning

- Students will demonstrate the ability to recognize assumptions within an argument and actively and skillfully analyze underlying reasoning to develop a conclusion. They will apply qualitative and/or quantitative analysis to solve problems, predict outcomes, test hypotheses, and explore alternatives in an ethical manner.

Information Literacy

- Students will demonstrate the ability to determine when gathering additional information is necessary. They will use appropriate resources and technologies to locate, evaluate and incorporate the information when developing supporting arguments and drawing conclusions. Students will also develop the ability to understand any legal, ethical or social issues regarding the use of information.

Personal Knowledge and Responsibility

- Students will develop the necessary skills to define, maintain and complete their personal educational goals. They will learn to work independently to accomplish personal goals toward realizing their full potential academically, physically and emotionally whether for personal enrichment, further education or career advancement.

Health Occupations
PHAR
Pharmacy Tech--AA <ul style="list-style-type: none">• Students process a prescription and adjudicate insurance.• Students apply mathematical calculations essential to the duties of pharmacy technicians in a variety of pharmacy settings.• Students classify medications and their uses as relevant to the role of a pharmacy technician.• Students compare and contrast the roles of pharmacists and pharmacy technicians in ensuring pharmacy department compliance with professional standards and relevant legal, regulatory, formulary requirements, contractual, and safety requirements.• Students identify various healthcare occupations.• Students prepare medications requiring compounding of sterile, non-sterile, and hazardous products.
Pharmacy Tech--Cert <ul style="list-style-type: none">• Students apply mathematical calculations essential to the duties of pharmacy technicians in a variety of pharmacy settings.• Students classify medications and their uses as relevant to the role of a pharmacy tech.• Students compare and contrast the roles of pharmacists and pharmacy technicians in ensuring pharmacy department compliance with professional standards and relevant legal, regulatory, formulary requirements, contractual, and safety requirements.• Students identify various healthcare occupations.• Students prepare medications requiring compounding of sterile, non-sterile, and hazardous products.• Students process a prescription and adjudicate insurance.
CSLO
PHAR50 - Pharmaceutics <ul style="list-style-type: none">• Students perform the mathematical steps to solve for the correct strength or amount of medication.• Students perform the mathematical steps to solve for the correct dilution and concentration.• Students perform the mathematical steps to solve for the correct weight and measures, and direct ratio and proportion.

PHAR55 - Pharmacy Introduction

- Students will be introduced to the field of pharmacy and the different settings.
- Students will demonstrate knowledge of pharmacy abbreviations
- Students will explain how state laws and regulations determine what activities associated with receiving and screening prescription and medication orders for completeness and authenticity can be delegated by pharmacists to technicians.

PHAR56 - Pharmacy Skills Lab Introduction

- Students when given a prescription order will generate a label set with complete accuracy.
- Students will demonstrate skill in the use of first-person and electronic systems to receive prescription and medication orders.
- Students will interpret a prescription order, and subsequently type and fill that order with the correct medication.

PHAR57 - Pharmacy Operations I

- Students will demonstrate the steps to take to find and secure employment.
- Students will identify blocks to effective interpersonal communication and demonstrate effective communication.

PHAR63 - Pharmacy Operations II

- Students recognize the major issues impacting the pharmacy profession
- Students will demonstrate knowledge of pharmacy abbreviations.
- Students explain and/or demonstrate how to properly fit a patient with a pair of crutches.

PHAR64 - Pharmacy Operations III

- Student will be able to explain why certain medications must be sterile.
- Students calculate accurate math computations when compounding IV admixtures
- Students will demonstrate the proper procedures for maintaining the sterility of an IV admixture when compounding a sterile product.
- Students will demonstrate the proper procedures for maintaining the sterility of materials being collected for compounding a sterile product.
- Student will be able to define the terms "sterile" and "non-sterile" as applied to pharmacy.
- After watching a demonstration and video on proper hand washing technique and discussing USP 797 standards, the student will be able to demonstrate, through proper hand washing technique, adherence to USP 797 standards.
- After watching a demonstration on proper sterile technique and discussing USP 797 standards, the student will be able to demonstrate, through proper aseptic technique, adherence to USP 797 standards.

PHAR65 - Pharmacy Operations IV - Non-Sterile Compounding

- Student will be able to define the term "compounding".
- Student will be able to explain why certain medications must be compounded.
- Students demonstrate compliance in the use of a class A or digital balance.
- Students calculate accurate math computations when compounding prescriptions.
- Students identify the FDA guideline for determining BUD for compounded prescriptions.
- Students differentiate between manufacturing and pharmaceutical compounding.

PHAR81 - Over-The-Counter Products

- Students identify the correct drug classifications of over-the-counter products.
- Students describe the therapeutic uses of the drug categories taught in this course.
- Students evaluate the labeling, packaging, and marketing of over-the-counter products.
- Students identify the most common non-medicinal treatments, including herbal products, used by consumers.

PHAR83 - Pharmacy Technician Pharmacology I

- Students identify the brand and generic names of medications discussed in course (Immunotherapy agents, drugs affecting the endocrine system, chemotherapy agents, drugs affecting the GI tract.)
- Students describe the therapeutic uses of the drug categories taught in this course.
- Students recognize major side effects of the drug categories taught in this course.
- Students have awareness of significant drug-drug, drug-herb, drug-food interactions.

PHAR85 - Pharm Tech Pharmacology II

- Students identify the brand and generic names of medications discussed in course (Drugs affecting the nervous, cardiovascular, renal, respiratory systems. Drugs used for geriatric and pediatric patients)
- Students describe the therapeutic uses of the drug categories taught in this course.
- Students recognize major side effects of the drug categories taught in this course.
- Students have awareness of significant drug-drug, drug-herb, drug-food interactions.

PHAR90 - Clinical Experience I

- Students will accurately describe the day-to-day job duties of a pharmacy technician working in a community based pharmacy.
- Students will achieve accuracy on pharmacy abbreviations exam.
- Students, when presented with a prescription, will be able to process computer generated outpatient prescription label sets.

PHAR95 - Clinical Experience II

- Students will accurately describe the day-to-day job duties of a pharmacy technician working in an acute care facility.
- Students will accurately identify the generic name of medications when presented with the brand name.
- Students will accurately identify the trade name of medications when presented with the generic name.
- Student will demonstrate the proper procedure for maintaining the sterility of materials being collected for compounding a sterile product.

PHAR173 - PHAR OCCUPATIONAL WORK EXP

- Upon completion of the course the student will use knowledge of interpersonal skills to effectively manage working relationships.
 1. Describe the types of interactions with others that occur in the work of the pharmacy technician.
 2. Explain techniques for working well on health-care related teams.
 3. Explain the factors that characterize good working relationships with others.
 4. Explain the characteristics of collaborative interdepartmental work relationships.