

PHA 205

Course Purpose:

This course supports the college's mission to offer degree programs and courses designed to prepare individuals to excel in today's technological workforce.

Course Objectives:

Upon completion of this course, the student can:

1. Demonstrate appropriate hand washing technique
2. Demonstrate correct garbing and gowning sequence.
3. Define IV admixture
4. Assemble the correct ingredients for sterile compounding
5. Correctly apply pharmacy math
6. Demonstrate the use, cleaning and maintenance required for laminar flow hoods
7. Explain how preparation of sterile products varies in a glove-box.
8. Apply techniques in preventing incompatibles
9. Demonstrate the proper procedures for maintaining the sterility of materials used in compounding sterile products
10. Select the correct syringe for measuring drugs
11. Maintain records such as temperature logs, cleaning records, within the requirements of regulatory, and professional standards
12. Demonstrate the proper use of equipment and devices used in compounding
13. Demonstrate use of snap-together IV preparations
14. Correctly label products
15. Demonstrate appropriate techniques for vials and ampoules
16. Correctly compound/transfer drugs to plastic IV bags
17. Correctly compound parenteral nutritional formulas
18. Correctly and safely compound chemotherapeutic additives
19. Demonstrate techniques applied to chemotherapy spills and exposure

General Education Learning Outcome:

I. Communicate Effectively

1. Read and listen with comprehension.
2. Speak and write clearly using Standard English.
3. Interact cooperatively with others using both verbal and non-verbal means.
4. Demonstrate information processing through basic computer skills.

II. Think Critically

1. Make connections in learning across the disciplines and draw logical conclusions.
2. Demonstrate problem solving through interpreting, analyzing, summarizing, and/or integrating a variety of materials.
3. Use mathematics to organize, analyze, and synthesize data to solve a problem.

III. Learn Independently

1. Use appropriate search strategies and resources to find, evaluate, and use information.
2. Make choices based upon awareness of ethics and differing perspectives/ideas.
3. Apply learning in academic, personal, and public situations.
4. Think creatively to develop new ideas, processes, or products.

IV. Examine Relationships in Diverse and Complex Environments

1. Recognize the relationship of the individual to human heritage and culture.
2. Demonstrate an awareness of the relationship of the individual to the biological and physical environment.
3. Develop an awareness of self as an individual member of a multicultural global community.