



# **ILLINOIS VALLEY COMMUNITY COLLEGE**

## **COURSE OUTLINE**

**DIVISION: Nursing – Health Professions**

**COURSE: ALH 1252 Principles and Practices of Phlebotomy**

Date: Fall 2021

Credit Hours: 6

Prerequisite(s): 18 years of age  
High School Diploma or GED  
ALH 1001 (or concurrent enrollment) with a grade of C or better  
2 Step TB test within last 12 months  
Hepatitis B immunization or documented refusal  
Criminal background check (A felony or certain misdemeanors may prevent you from working in a healthcare setting)  
Drug test  
Any other requirements of clinical site

Delivery Method:  **Lecture**                      **3 Contact Hours (1 contact = 1 credit hour)**  
 **Seminar**                              **0 Contact Hours (1 contact = 1 credit hour)**  
 **Lab**                                        **3 Contact Hours (2-3 contact = 1 credit hour)**  
 **Clinical**                                **4.5 Contact Hours (3 contact = 1 credit hour)**  
 **Online**  
 **Blended**  
 **VCM**

Offered:  **Fall**     **Spring**     **Summer**

### **CATALOG DESCRIPTION and IAI NUMBER (if applicable):**

This course consists of lecture and laboratory practice of the proper collection of laboratory specimens along with a minimum of 65 hours of clinical [practice of phlebotomy at an affiliated laboratory site]. It includes terminology, anatomy and physiology appropriate to phlebotomy techniques, safety, quality control, professionalism, and communication techniques. It provides exposure to the necessary skills to effectively function as part of the medical laboratory-healthcare team. This supervised training will emphasize competency in blood collection, specimen handling and processing, safety, quality control and communication skills necessary to function as a member of the medical laboratory healthcare team. Exit level competencies are generally consistent with entry level job responsibilities. After completion of ALH 1252, the student will be eligible to take the phlebotomy certification exam offered by certifying agencies.

## **ACCREDITATION STATEMENTS AND COURSE NOTES:**

None

## **COURSE TOPICS AND CONTENT REQUIREMENTS:**

- Circulatory System
- Specimen Collection (Venipuncture, Skin Puncture)
- Specimen Handling, Transport and Processing
- Point-of-Care Testing
- Non-Blood Specimens
- Laboratory Operations
- Perform 100 successful unaided blood collections including venipunctures and skin punctures.
- Orientation in a CMS approved accredited laboratory

## **INSTRUCTIONAL METHODS:**

- Lectures
- DVDs
- Discussion
- Skills Practice
- Supervised Lab Exposure
- Observation
- Demonstration
- Discussion
- Skills Practice under supervision of clinical preceptor

## **EVALUATION OF STUDENT ACHIEVEMENT:**

Students will be evaluated on the basis of points accumulated from quizzes and the final exam. The average of quiz scores is 50% of final grade. The final exam is 50% of the final grade. At final evaluation, especially when students are close to having earned the next higher grade, attendance, class participation, and demonstrated skill will be taken into consideration when a final letter grade is assigned.

A= 90-100

B= 80-89

C= 70-79

D= 60-69

F= 0-59

## **INSTRUCTIONAL MATERIALS:**

### **Textbooks**

The Complete Textbook of Phlebotomy 5Th Edition ISBN: 978-1-337-28424-0

Required: Kiechle, Funk, Rosser

So You're Going to Collect a Blood Specimen An Introduction To Phlebotomy 15th Edition ISBN: 978-1-941096-34-5

## Resources

None

## LEARNING OUTCOMES AND GOALS:

### Institutional Learning Outcomes

- Communication – to communicate effectively;
- Inquiry – to apply critical, logical, creative, aesthetic, or quantitative analytical reasoning to formulate a judgement or conclusion;
- Social Consciousness – to understand what it means to be a socially conscious person, locally and globally;
- Responsibility – to recognize how personal choices affect self and society.

### Course Outcomes and Competencies

1. Perform venipuncture and dermal puncture procedures successfully.
2. Successfully pass a national certification (ASCP) exam.
3. Receive voiced program satisfaction by employers and graduates.
4. Demonstrate competency in infection control and safety, universal and standard precautions, understanding of basic anatomy and physiology, medical terminology, patient and specimen identification, selecting and preparing puncture site, blood collection equipment, post-puncture care, and medical waste and sharps.
5. Demonstrate competency in pre-analytical sources of error in specimen collection, patient preparation, risk and complication factors and legal issues related to blood collection.
6. Perform venipuncture and dermal puncture procedures successfully.
7. Successfully pass a national certification (ASCP) exam.
8. Receive voiced program satisfaction by employers and graduates.
9. Demonstrate competency in infection control and safety, universal and standard precautions, understanding of basic anatomy and physiology, medical terminology, patient and specimen identification, selecting and preparing puncture site, blood collection equipment, post-puncture care, and medical waste and sharps. Demonstrate competency in pre-analytical sources of error in specimen collection, patient preparation, risk and complication factors and legal issues related to blood collection.