



ILLINOIS VALLEY COMMUNITY COLLEGE

COURSE OUTLINE

DIVISION: Health Professions

**COURSE: ALH 1250 Principles and Practices of
Phlebotomy**

Date: Fall 2018

Credit Hours: 3

Prerequisite(s): Minimum age of 18
High school diploma or GED
ALH 1001 Terminology of the Health Field (minimum grade of C)

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

Offered: **FALL**

CATALOG DESCRIPTION:

This course consists of lecture and laboratory practice of the proper collection of laboratory specimens. 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.

GENERAL EDUCATION GOALS ADDRESSED

Upon completion of the course, the student will be able:

- To apply analytical and problem solving skills to personal, social, and professional issues and situations.
- To communicate successfully, both orally and in writing, to a variety of audiences.
- To construct a critical awareness of and appreciate diversity.
- To understand and use technology effectively and to understand its impact on the individual and society.
- To develop interpersonal capacity.
- To recognize what it means to act ethically and responsibly as an individual and as a member of society.
- To recognize what it means to develop and maintain a healthy lifestyle in terms of mind, body, and spirit.
- To connect learning to life.

EXPECTED LEARNING OUTCOMES AND RELATED COMPETENCIES:

Upon completion of the course, the student will be able to:

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.

MAPPING LEARNING OUTCOMES TO GENERAL EDUCATION GOALS

[For each of the goals selected above, indicate which outcomes align with the goal.]

Goals	Outcomes
First Goal	
To apply analytical and problem solving skills to personal, social, and professional issues and situations.	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-analytic sources of error in specimen collection, patient preparation, risk and

	complication factors and legal issues related to blood collection.
Second Goal	
To communicate successfully, both orally and in writing, to a variety of audiences.	Successfully pass a national certification (ASCP) exam.
Third Goal	
To connect learning to life.	Receive voiced program satisfaction by employers and graduates. Perform venipuncture and dermal puncture procedures successfully.

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

INSTRUCTIONAL METHODS:

- Lectures
- DVDs
- Discussion
- Skills Practice
- Supervised Lab Exposure

INSTRUCTIONAL MATERIALS:

- Required: Lynn B. Hoeltke

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

STUDENT REQUIREMENTS AND METHODS OF EVALUATION:

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

SUPPORT SERVICES INFORMATION:

You may be eligible for academic accommodations if you have a documented physical, psychiatric (anxiety, depression, bipolar disorder, AD/HD, post-traumatic stress, or others) or cognitive disability such as a learning disability. If you have a disability and need more information regarding possible accommodations, please contact Tina Hardy at tina_hardy@ivcc.edu, 815-224-0284, or stop by office C-211.

