

Fact Sheet for Applicants: 2022 Program Year
ST. LUKE'S COLLEGE PHLEBOTOMY CERTIFICATE PROGRAM

SIOUX CITY, IA 51104

712-279-3149

www.stlukescollege.edu

- 1. Selection of students:** St. Luke's College has a rolling admission process. Applicants are encouraged to apply by March 31 for a May program start of the same year. Applicants will be accepted until a class is filled. The number of accepted students is dependent on the number of clinical positions available and the applicant pool. Typical class enrollment is 6-10. Please see the program brochure and application materials posted on the St. Luke's College website for the application procedure and eligibility criteria.
- 2. Tuition & Books:** Tuition for the Phlebotomy Certificate Program is \$1000. A \$100 non-refundable enrollment fee is required at the time of acceptance. This fee is applied toward the \$1000 tuition. Tuition is due in full prior to the class start date. Allow approximately \$88 for a required textbook. Books can be purchased through St. Luke's College Bookstore, and payment is expected at the time of purchase.
- 3. Didactic & Clinical Schedule:** The Phlebotomy Certificate Program is offered at least once per year in May, with additional offerings in the spring and fall if interest and enrollment warrant additional course offerings. The classroom/skills lab portion of the program consists of **46 clock** hours and is held at St. Luke's College. Class sessions are held in an evening/Saturday format within a five-week time period. The student must attend all class sessions in their entirety to be successful in this program. The clinical practicum consists of **112 required** hours. Clinical rotations are scheduled Monday through Friday, 7:00 am to 3:30 pm, but other time frames may be scheduled depending on availability at clinical sites. All clinical time missed must be made up at the convenience of the clinical laboratory site. The student's clinical experience will be scheduled for one of two three-week sessions. Placement in a session will depend on student preference and availability at time of acceptance.

2022 PROGRAM CALENDAR

May 16	Classes Begin
May 28	No Class
May 30	Memorial Day – No Class
June 18	Final Written and Practical Exams
June 20	First Clinical Rotation Session Begins
July 4	Independence Day holiday – No Clinical
July 8	First Clinical Rotation Session Ends
July 11	Second Clinical Rotation Session Begins
July 29	Second Clinical Rotation Session Ends

- 4. Health Policies and Health Insurance:** A physical health exam, TB skin testing, and proof of immunizations are required before classes begin. It is ***strongly recommended*** that students receive the Hepatitis B vaccine series prior to starting the program. Health insurance is ***strongly recommended***. COVID-19 vaccination, as well as additional health screen and immunizations per clinical site, may be required.

5. **Criminal Background Check:** A passed criminal background check will be required prior to clinical participation. The student is responsible for all costs associated with the criminal background check. The current cost is \$41 but is subject to change.

6. **Grades:** The grade for this program is based on both the classroom performance and the clinical practicum performance. Each component is worth 50% of the course grade. The student must maintain a minimum grade of C (70%) or better in both the classroom and the clinical portions. Grading of classroom performance is based on quizzes, lab exercises, and final and practical examinations. The clinical practicum grade is based on the clinical evaluation and assigned projects. The student must achieve 70% or better in the classroom component in order to participate in the clinical practicum.

7. **Course Module Descriptions:**

(Detailed module objectives are available upon request from the program director.)

Phlebotomy and the Health-Care Delivery System

This module is designed to introduce the student to the healthcare delivery system, hospital departments, and the role of the phlebotomist in healthcare. Important personal and professional characteristics valuable to a phlebotomist will be discussed as well as communication and interpersonal skills.

The Clinical Laboratory

This module will introduce the student to the organizational structure of the clinical laboratory and qualifications and functions of lab personnel. Common laboratory procedures will be described and associated with assessment of body functions and disease.

Basic Medical Terminology

This module is designed to help the student correctly understand and use common medical terms by recognizing the correct meanings of basic word elements.

Safety and Infection Control

The material in this module will cover infection control and safety procedures and regulations. The student will gain knowledge in recognizing and controlling biologic, electrical, radiation, fire, and chemical hazards.

Circulatory System

This module will describe the components and functions of the circulatory system. Emphasis will be placed on the different types of blood vessels and major constituents of the blood. Major disorders and testing associated with the circulatory system will be described.

Basic Anatomy and Physiology

This module provides an overview of basic human anatomy and physiology. Emphasis will be placed on disorders and diagnostic tests commonly associated with each body system.

Venipuncture Equipment

The material in this module will cover general blood collection equipment and supplies commonly needed, as well as equipment specific to venipuncture. Equipment safety features and correct methods of disposal will be discussed.

Routine Venipuncture

This module will describe in detail correct venipuncture procedures based on guidelines established by the Clinical and Laboratory Standards Institute (CLSI). Students will learn and practice venipuncture techniques with supervision in order to obtain quality blood specimens.

Venipuncture Complications

This module will present special situations encountered in the blood collection process. Preanalytical factors that can affect specimen quality will be addressed. Students will evaluate situational information and propose solutions.

Special Venipuncture Collection

This module addresses collecting specimens for special tests that require special preparation, equipment, handling, or timing. Specimen collection procedures for blood cultures, glucose tolerance testing, therapeutic drug monitoring, chain-of-custody cases, and others will be included.

Dermal Puncture

This module will describe in detail the equipment and procedures used in collecting blood specimens by dermal or skin puncture on both adults and children. Proper collection sites, preanalytical factors, and complications will be discussed. Material in this module describes special situations and tests involving dermal punctures. Bleeding times, neonatal special tests, preparation of blood smears, and capillary blood gas collections will be included.

Arterial Blood Collection

This module addresses the equipment, training of personnel, procedures, and patient preparation involved in obtaining blood by arterial puncture. Common arterial blood gas parameters will be discussed along with special precautions and preanalytical factors involved in the collection of arterial blood.

Point-of-Care Testing

This module will present various point-of-care tests that are commonly used in clinical laboratories. Regulations required and personnel qualifications for point-of-care testing will be discussed. Advantages and disadvantages of point-of-care testing will be addressed.

Quality Assessment and Management in Phlebotomy

Material in this module will include discussion of the components of quality control, quality assurance, continuous quality improvement, and total quality management programs and how they relate to phlebotomy. The phlebotomist's role in preanalytical, analytical, and postanalytical factors will be addressed.

Regulatory, Ethical and Legal Issues

Legal and ethical issues involving phlebotomy will be discussed. Other topics such as HIPAA, sentinel events, risk management, and the Patient's Bill of Rights will also be included.

Additional Duties of the Phlebotomist

Phlebotomy duties other than the collection of blood specimens will be emphasized in this module. These include the collection of non-blood specimens, patient instruction, specimen processing, specimen labeling, and transporting specimens to the laboratory. Phlebotomy duties pertaining to laboratory information systems will also be discussed. The blood donor collection process will be compared to routine venipuncture.

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