



### About the Course

AHCJ 105 Procedures in Phlebotomy (5 units) provides training designed to prepare individuals to collect blood for medical laboratory testing, which is necessary for the diagnosis and care of the patient. It is ideal for those interested in becoming a Certified Phlebotomy Technician (CPT-1) or for health professionals seeking to expand their current skills. This program provides training in venipuncture and capillary puncture. Other topics covered include medical terminology, laboratory safety and infection control, basic anatomy and physiology, quality assurance, and medicolegal issues of phlebotomy. Participants successfully completing this program will receive a Phlebotomy Course Certificate and are eligible to sit for a state approved certifying exam.

### Course Goal

To prepare individuals to function as certified phlebotomists, with sufficient supervised clinical experience to ensure competency.

### Course Duration

The course is 11 weeks in length. This includes the clinical rotations.

### Course Credit

Five (5) quarter units of college credit.

### Clinical Training

Over 40 hours of supervised clinical experience is provided at Loma Linda University Medical Center and/or affiliates.

### Course Learning Outcomes

By the end of this course, the students should be able to:

- 1) Describe the health care delivery system and use basic medical terminology.
- 2) State the significance of infection control and safety.
- 3) Demonstrate basic understanding of the anatomy and physiology of the body systems and anatomic terminology, in order to relate major areas of the clinical laboratory to general pathologic conditions associated with the body systems.
- 4) State the importance of specimen collection in the overall patient care system.
- 5) Demonstrate proper use of blood sample collection equipment. List various types of additives used, special precautions necessary and substances that can interfere in clinical analysis of blood constituents.
- 6) Demonstrate proper techniques to perform venipuncture and capillary puncture.
- 7) Explain sample requisitioning, specimen transport and specimen processing.
- 8) Analyze the importance of quality assurance in phlebotomy.
- 9) Describe the basic concepts of communication, personal and patient interaction, stress management, professional behavior, and legal implication of this work environment.

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## Course pre-requisites

- 1) Must be 18 years of age or older.
- 2) High School diploma or GED equivalent. All International (non-US) transcripts must be submitted to an evaluation service approved by Loma Linda University.
- 3) Current immunizations, including Hepatitis B vaccine.
- 4) CPR certification at the Basic Life support (BLS) level from the American Heart Association (**NOT** the Red Cross).

## Tuition (approximate fees)

|                                |            |
|--------------------------------|------------|
| Non-refundable application fee | \$ 25.00   |
| Tuition                        | \$2,250.00 |
| Enrollment fee                 | \$ 828.00  |
| Textbook (new)                 | \$ 100.00  |

Financial Aid is not available for this program.

## How do I apply to the Program?

The application is online: Go to [www.llu.edu/phlebotomy](http://www.llu.edu/phlebotomy). Applications open approximately 10 weeks before classes begin.

## Course Curriculum

- Safety
- Specimen Collection:
  - Venipuncture
  - Skin puncture
  - Other methods relevant to current phlebotomy practice
- Equipment and additives
- Infection Control
- Medical Terminology
- Basic anatomy and physiology
- Quality assurance
- Legal implications of phlebotomy
- Interpersonal skills
- Clinical Experience
- Complications & Pre-analytical Errors
- Non-blood specimens
- Special Tests

## Program Approval

California Department of Public Health  
Laboratory Field Services  
850 Marina Bay Parkway  
Bldg. P, 1st Floor  
Richmond, CA 94804-6403

This program meets the criteria for Phlebotomy Training pursuant to the California Code of Regulations Title 17, Section 1034(a)(2).

## For more information, please contact:

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LOMA LINDA  
UNIVERSITY

## LLU at a Glance

>> Founded in 1905 >> A Seventh-day Adventist institution integrating health, science, and Christian faith >> Offers over 200 programs in the health sciences >> Houses eight schools: Allied Health Professions, Behavioral Health, Dentistry, Medicine, Nursing, Pharmacy, Public Health, and Religion >> About 4,000 students >> Over 1,300 faculty >> 2,000 professional researchers >> \$46 million dollars in private and public grants generated each year >> Many service learning opportunities

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