

# PHLEBOTOMY TECHNICIAN

## CLASS REQUIREMENTS

A high school diploma or GED is required to sit for the NHA Phlebotomy Technician exam and for employment

Know your Social Security # for background check and testing

Ability to tolerate walking, standing and bending for extended periods of time

Devote 10-12 hours per week to studying and homework outside of class time

Maturity to understand and be comfortable with sensitive personal information

Meet attendance, homework and test score requirements to receive a certificate of completion

## PHLEBOTOMY TECHNICIAN

This 90-hour Phlebotomy Technician career training program prepares you to collect blood specimens from clients by venipuncture and micro-collection for the purpose of laboratory analysis.

## PREPARING FOR A HEALTHCARE PROFESSION

- Complete coursework or have working knowledge of medical terminology and human anatomy and physiology
- Read, write, and understand English at a 10th grade reading level
- Detail-oriented, basic computer and keyboard skills, email address, ability to navigate the internet
- Ability to pass a background check
- Level of maturity that demonstrates compassion, empathy and responsibility
- Ability to professionally communicate and interact with other healthcare professionals, co-workers, peers, instructors, patients and families
- Reliable transportation to class

## CLASS CONTENT

Collect blood specimens from clients for the purpose of laboratory analysis. Students will become familiar with all aspects related to blood collection and develop comprehensive skills to perform venipunctures completely and safely.

## OPTIONAL CLINICAL EXPERIENCE

Students who have met the immunization requirement, attendance requirement, minimum testing scores, proficiency in skills, cleared a background check, completed the Child Abuse for Mandatory Reporter and Dependent Adult Abuse for Mandatory Reporter classes, and are certified in Basic Life Support (BLS) for Healthcare Providers are eligible to participate in the optional clinical rotation. Clinical experiences take place at a variety of times, generally in the early mornings and/or daytime hours.

## TESTING CERTIFICATION

The NHA Phlebotomy Technician Certification Exam is offered in Marshalltown. Students have to be 18 years of age, have a HS diploma or equivalent, and successfully completed a Phlebotomy Technician training program.



## IN THIS CLASS YOU WILL LEARN

- Anatomy and physiology of the circulatory system
- Medical terminology and laboratory theory
- Laboratory law, ethics and regulatory issues
- Specimen documentation and transportation
- Non-blood specimen collection
- Pediatric and geriatric blood collection
- Quality, competency and performance assessment
- Phlebotomy theory/simulated lab
- Arterial, intravenous (IV) and special collections procedures
- Specimen collection, processing and handling
- Laboratory operations (e.g. safety, quality control)
- Cells, lab safety, anatomy of the arm, and using a tourniquet
- Blood collection systems, review of medical asepsis, and hand washing
- Blood and blood composition, blood tubes, coagulation, venipuncture protocols, and working with a training arm
- Anatomy of hand, leg, and foot arteries and veins
- Heel puncture protocol, practicing syringe draws
- Blood banks and blood typing, lab departments, and personnel
- Universal precautions – safety protocols and infection control
- Respiratory, pneumonia, and TB isolation protocol and live venipunctures and skin punctures
- CBC/DIFF, hematological lab tests, disease and disorders, order of draw
- Training arm practice and other clinical lab exercises



## ADDITIONAL ESTIMATED COSTS YOU WILL INCUR

- Basic Life Support class
- Phlebotomy Technician Certification Exam Review is \$59
- NHA Phlebotomy Technician exam is \$117
- Plain-colored scrub pants and top (\$15 - \$30)
- Transportation to class and the clinical site
- Updating immunizations (Hep-B, MMR, Tdap, influenza, and current TB test)
- Watch with a second hand (about \$10-20)

## IOWA VALLEY CONTINUING EDUCATION OFFERS

- Convenient locations
- Instructors with expert knowledge and experience in their fields
- Short-term career training programs that provide quick access to the work world
- Small class sizes allowing for more one-to-one interaction between students and instructors

Additional information and course schedules can be found at:  
<https://ce.iavalley.edu/workforce-education/health>

