

Certified EKG Technician (CET): 4-week course

Course Description:

This course is designed to prepare students for the National Healthcareer Association (NHA) Exam for CET (Certified EKG Technician) at completion. The Certified EKG Technician course offers morning classes, and evening classes. Throughout the course you will master the skills necessary to assist physicians in the diagnosis and treatment of various cardiovascular diseases.

What is an EKG? What do EKG technicians do?

An electrocardiogram - abbreviated as EKG or ECG - is a test that measures the heart's electrical activity. EKGs are easily performed by EKG technicians in many settings such as a doctor's office or hospital. Technicians are responsible for carefully and correctly placing electrodes (sticky pads) to a patient's chest and limbs to get a correct reading of a patient's heart activity. These electrodes are hooked up to a machine which graphs of the impulses transmitted by the heart, while EKG technicians will monitor, analyze, and provide the data to the patient's physician for advanced interpretation.

Gaining a Foundation on the Science & Procedures Behind EKG.

Lectures & Hands-on Training:

- Lectures in the didactic portion of this program include anatomy and physiology (with a focus on the heart and circulatory system), analyzing heart rhythms, EKG wave patterns, Stress Tests & Holter Monitors, 12 Lead EKG procedure, and medical ethics & confidentiality. All lectures are conducted in-person and are led by qualified and experienced instructors.
- Clinical skills labs are interwoven between lectures, coinciding with the related lecture topic. Students will collaborate in small groups to practice applying and aligning electrodes to anatomical dummies. Then, instructors will lead live EKG demonstrations, applying and analyzing the 12 Lead EKGs of student and/or instructor volunteers. Students will have the opportunity to interpret and discuss findings in class, and eventually complete an entire EKG procedure on their own for their practical exams.

EKG Technician Training Includes:

- A detailed understanding of Anatomy and Physiology of the heart.
- Medical disease processes and terminology.
- Learn to interpret ALL cardiac rhythms.
- How to analyze and calculate heart rates from an EKG rhythm strip.
- Perform EKGs on patients.
- Stress Testing
- Emergency response, pertaining to Cardiac Diseases + Perform Vital Signs
- Become certified in **BLS CPR First Aid** through American Heart Association (AHA)
- NHA Certified EKG Exam

Requirement:

- Uniform: Scrubs and non-slip shoes
- Textbook: ISBN 13: 9780134525051, EKG Plain and Simple, 4th Edition, Pearson, eBook option estimated \$45 (other options available)