

EKG TECHNICIAN LEARNING OBJECTIVES



CURRICULUM LEARNING OBJECTIVES

The EKG Technician program is designed to give students the knowledge and simulations they need to earn their Certified EKG Technician certification after graduation. To qualify for exam registration, students will also need to set up a live experience with a local hospital to perform 10 EKGs on a person.

The learning objectives outlined below provide a map of the knowledge and skills students will gain as they complete each module.

Program Orientation (1 hour)

- Identify the elements, expectations, and requirements of the program.
- Navigate the program using the pages, menus, and buttons provided.
- Use the program tools, including the study planner, grade book, and completion report. Be able to contact Career Step using communication tools, including phone, email, forums, chat rooms, and social media.
- Identify and use program-specific resources.

Healthcare and Cardiovascular Foundations (15 hours)

- Describe the roles and responsibilities of patients and providers within the healthcare industry.
- Identify common medical prefixes, roots, and suffixes; identify and properly combine word parts to create medical terms; and learn common abbreviations in a cardiovascular context.
- Recognize and understand basic anatomy, pathophysiology, and specialty practice of the cardiovascular system.
- Obtain basic patient vital signs and initiate CPR and first aid when necessary.

EKG Testing (10 hours)

- Record and verify leads, maintain and ensure proper functioning of EKG equipment, identify and resolve artifacts from the EKG tracing, and inspect and recognize abnormal or emergent results such as arrhythmias.
- Prepare the patient and apply electrodes for EKG monitoring, stress testing, Holter monitoring, and telemetry monitoring.

EKG Technician – Simulations (4 hours)

- Tutorial
- Perform an EKG

Final Exam Preparation (1 hour)

- Identify the steps needed to be eligible for and effectively prepare for and access the final exam.
- Identify the format, restrictions, and policies of final exams, including scoring, retakes, allowed resources, and time limits.



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