

EKG Technician

Program Outline

- Role of the EKG technician
- Function of the EKG department in a variety of settings (hospital, clinic, office, mobile service)
- Introduction to medical terminology
- Medical terminology related to electrocardiography
- Care and safety of patients including medical and legal aspects
- Anatomy of the heart, conduction system, circulation of the heart and blood vessels
- Electrical conduction system of the heart
- Cardiac cycle (electric system)
- EKG strip analysis (P,Q,R,S,T wave form interpretation)
- Normal sinus rhythm, sinus bradycardis, sinus tachycardia
- Basic EKG interpretation, sinus rhythm, and ventricular rhythms
- Recognizing artifacts, troubleshooting and tracing problems
- Practice EKG strips and EKG rhythms
- Preparing a patient for EKG
- Interpretation and troubleshooting of 12 lead EKGs
- 12 lead placement
- Echocardiography