



EKG Technician

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EKG Technicians are responsible for performing electrocardiogram tests in order to monitor and record electrical impulses transmitted by the heart. These tests include basic EKGs, Holter Monitoring (portable EKG which records activity for 24-48 hours), 12-lead placement, and Stress Tests (treadmill). They assist a physician in diagnosing and treating cardiac electrophysiological disorders.

Employment & Education

EKG Technicians work in physician offices, hospitals, clinics, and other health care facilities.

Education Requirements

People who are interested in becoming an EKG Technician should possess a High School diploma or GED equivalent.

EKG Technician Certificate

This comprehensive EKG Technician Program prepares students to function as EKG Technicians. This certification is also appropriate for other health care practitioners who want to add this skill to their portfolios. Many health care professionals perform EKGs, including nurses, respiratory therapists, radiological technicians, and medical laboratory technicians. This course will include important practice and background information on anatomy of the heart, physiology, medical disease processes, medical terminology, medical ethics, legal aspects of patient contact, electrocardiography, arrhythmia monitoring, and stress testing.

Additionally, students will practice with equipment and perform hands-on labs including introduction to the function and proper use of the EKG machines, the normal anatomy of the chest wall for proper lead placement, 12-lead placement and other clinical practices.

For National Certification eligibility requirements please visit www.aspt.org or contact 828-294-0078.

Required Courses

Medical Terminology I (HLTH 1810) **or** Human A&P I (BIOL 2310)
Medical Terminology II (HLTH 1820) **or** Human A&P II (BIOL 2320)
EKG / Cardiovascular Technician (HLTH 2400)