

# EKG Technician Online

## PROFESSIONAL DEVELOPMENT CERTIFICATE

Now you can study to become a certified healthcare professional at your own pace and within your schedule. The EKG Technician ONLINE program is offered by University of Tennessee – Martin, in conjunction with Health Ed Today with interactive learning modules, 24/7 mentoring, learning exercises, labs, and a student portal with career resources. To learn about this program and to enroll visit [Health Ed Today – University of Tennessee - Martin](#).

### The EKG Technician Profession

EKG technicians are in demand! EKG technicians work in physician' s offices, hospitals, clinics, and other healthcare facilities and organizations. EKG technicians also work for insurance companies to provide data for health and life insurance policies. Similar to other growing healthcare professions, the demand for EKG technicians is expected to continue to grow substantially. Approximately 5% more EKG technician jobs will be available by the year 2018.

### Quick Facts

- Tuition: \$1,299  
*Self-paced eLearning course includes six months access, all textbooks, workbooks, and related course material.*
- Register: Visit [Health Ed Today – University of Tennessee - Martin](#) to enroll.
- Contact: Call 731.881.7104 for more information

### The EKG Technician Program

This EKG Technician program prepares students to function as EKG technicians. This course covers the following key areas and topics:

- Detailed anatomy and physiology of the heart
- Medical disease processes and terminology
- Medical ethics and legal aspects of patient contact
- Electrocardiography and echocardiography
- An introduction to the components, function, and proper use of the EKG machine
- The normal anatomy of the chest wall for proper lead placement
- 12-lead placement and other practices

## Educational Requirements

- EKG Technicians should have or be pursuing a high school diploma or GED.
- There are several EKG technician national certification exams that are available to students.

## Detailed Course Topics Covered

- Role of the EKG technician
- Function of the EKG department in a variety of settings (hospital, clinic, office, mobile service)
- Medical terminology related to electrocardiography
- Care and safety of patients including medical and legal aspects of patient care
- Anatomy and physiology of the cardiovascular system
- Electrophysiology, the conduction system of the heart, and the cardiac cycle
- Circulation of blood through the heart and vessels
- Lead placement for 12-lead electrocardiography
- Basic EKG interpretation of normal rhythms and arrhythmias
- EKG troubleshooting including recognizing artifacts
- Waves and measurements
- EKG strip analysis (P,Q,R,S,T wave-form interpretation)
- Identification of rhythms using the 12-lead EKG
- Pacemakers
- Holter monitoring and the echocardiogram

These programs include access to an online community with interactive content and robust student services.

## Each course includes:

- 24/7 instructor support and course mentoring
- Online healthcare content that supplements each course
- Student and instructor collaboration
- Engaging labs, student exercises, course videos and animated simulations
- Student pre and post assessments and online performance tracking
- National and state certification opportunities
- A secure Student Portal which includes: career guidance, resume writing and other career resources
- Certain programs include clinical externships

Tuition includes all textbooks, workbooks and related course material.

## How to Enroll

Visit [Health Ed Today – University of Tennessee - Martin](#)

## Contact

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