

# EKG Technician

Demand for EKG technicians is expected to continue to grow substantially. Approximately 25 percent more EKG technician jobs will be available in the next decade.

Prepare for your new career here at Great Oaks!



## An in-demand profession

EKG technicians work in physicians' 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.

## The EKG technician program

This comprehensive, 50-hour EKG Technician certification program prepares students to function as EKG technicians and to take the national certification exam. Students will practice with equipment and perform hands-on labs, including introduction to the function and proper use of the EKG machine, the normal anatomy of the chest wall for proper lead placement, 12-lead placement and other clinical practices.

This course will include important practice and background information on:

- anatomy and physiology of the heart
- medical disease processes
- medical terminology
- medical ethics
- waves and measurements
- electrocardiography
- echocardiography
- legal aspects of patient contact

## Education and certification

EKG technicians must have a high school diploma or GED. Upon successful completion of the course, students may sit for the NHA EKG Technician Certification Exam.

*The EKG Technician program is offered at Great Oaks by Condensed Curriculum International (CCI). Since 1993, CCI has supported schools in communities nationwide with educational programs focused on healthcare and other in-demand disciplines.*

## The next class begins soon!

**Scarlet Oaks Career Campus – Sharonville**  
Call **513.771.8881** for information session dates and evening class schedules.



Learn more at [adults.greatoaks.com](https://adults.greatoaks.com)

# EKG Technician

## You will learn about:

- Role of the EKG technician
- Function of the EKG department in a variety of settings (hospital, clinic, office, mobile service)
- 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
- 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

## Program requirements

- Attendance at an information session
- Copy of high school diploma or high school equivalency (HSE)
- BCI and FBI background check\*
- WorkKeys® testing\*
- Basic computer knowledge

\* May be additional cost



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**Call now to learn more and register!**

**Scarlet Oaks 513.771.8881**