



Demand for EKG technicians is expected to continue to grow substantially. Approximately 25% more EKG technician jobs will be available by 2018.

Start your new career here at Great Oaks!

# EKG Technician Program

## 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.

## The EKG Technician Program

This comprehensive 50 hour EKG Technician Certification Program prepares students to function as EKG Technicians and to take the ASPT - Electrocardiograph (EKG) Technician exam and other National Certification Exams. This course will include important practice and background information on anatomy and physiology of the heart, medical disease processes, medical terminology, medical ethics, legal aspects of patient contact, waves and measurements, electrocardiography and echocardiography.

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.

## Education & Certification

EKG Technicians must have a high school diploma or GED. Upon successful completion of the course, students will sit for a national certification exam which will cost \$105.

**Tuition:** \$ 999 (includes all textbooks)

(more info on back)

*This program is for students who want to prepare for an exciting, challenging and rewarding career in healthcare. Learn to assist physicians with EKG testing in a medical office. The EKG program includes 50 hours of classroom time.*

## The next class begins soon! 2016-17 Schedule

### Diamond Oaks Career Campus – Western Hills

Mondays & Wednesdays 6:00pm-9:30pm

Classes begin: 8/29, 10/24, 1/23 & 4/3

Info Sessions: 6:00 – 8/8, 10/4, 1/9 & 3/14

### Live Oaks Career Campus – Milford

Tuesdays & Thursdays 6:00pm-9:30pm

Classes begin: 8/16, 10/25, 1/24 & 4/4

Info Sessions: 8/8, 10/14, 1/9 & 3/14

Call now to register and learn more!

Diamond Oaks: 513-612-7003 or 7019

Live Oaks: 513-612-4908 or 4916



# EKG Technician Program

## 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

## 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

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