Two Ways to Register For Classes

- The quickest way to register is online at www.jeffstateonline.com. Go to the “Community and Corporate Education” link on the webpage.

- Walk-in: Walk-in registration is accepted during our regular business hours, Monday-Friday, 8:30 a.m.-4:30 p.m. at the following locations:
  
  Jefferson Campus  
  George Wallace Hall, Room 202  
  2601 Carson Road  
  Birmingham, AL 35215  

  Shelby-Hoover Campus  
  Health Sciences Building, Room 321  
  4600 Valleydale Road  
  Birmingham, AL 35242  

All Students should review refund and other policies prior to registration on our website.

- Medical Career Programs require a high school diploma or GED. Some programs also require malpractice insurance, criminal background check, drug screen, health screen, and other items. Call 205-856-7710 for specific information.

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EKG Technician Certification Prep Program

Center For Community and Corporate Education

Jefferson Campus  
George Wallace Hall, Room 202  
2601 Carson Road  
Birmingham, AL 35215  

Shelby-Hoover Campus  
Health Sciences Building, Room 321  
4600 Valleydale Road  
Birmingham, AL 35242  

Registration:  
Phone: (205) 856-7710 or (205) 983-5277  
E-mail: workforcedev@jeffstateonline.com  
Website: jeffstateonline.com  

Jefferson State does not discriminate on the basis of race, color, national origin, sex, disability, or age in its admissions, programs and activities in compliance with Title VI and VII of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, Title IX of the Educational Amendments of 1972 and the Americans with Disabilities Act of 1990.
EKG Technicians

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 hrs.), 12 lead placement and Stress Tests (treadmill). They assist a physician in diagnosing and treating cardiac and blood vessel irregularities.

EKG Technicians – Employment & Education

EKG Technicians work in physician offices, hospitals, clinics, and other health care facilities and organizations. EKG Technicians also work for insurance companies to establish health and life insurance policies. Similar to other growing healthcare professions, the demand for EKG Technicians is expected to continue to grow substantially.

Course Fee * Includes Textbooks *
(Due Upon Registration) …………………. $999

EKG Technician Certification Program

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

Additionally, 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. EKG Technicians also analyze printed readings of EKG tests, measuring various “cardiac intervals and complexes” and determining normal vs. abnormal EKG.

The EKG Technician Certification Program includes a graded final exam to help prepare students for the ASPT – EKG Technician Exam.

EKG Technician Detailed Course Information

- 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 & safety of patients, medical & legal aspects
- anatomy of the heart, conduct ion 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, asystole; example rhythm
- recognizing artifacts; troubleshooting, tracing problems
- practice EKG strips; EKG rhythms
- preparing a patient for EKG
- 12 lead EKGs (interpretation and troubleshooting)
- 12 lead placement
- echocardiography
- other roles for the EKG Technician