

Electrocardiography Technician Training Program

Penta Career Center
In Partnership with
Boston Reed College

Program Summary: This 70 hour program provides instruction in EKG unit operation and troubleshooting, lead placement utilizing 12 lead EKG, use and understanding of EKG grid paper, recognizing normal and abnormal EKG patterns in all 12 leads and plotting EKG axis.

Program Fee: \$1,995.00 fee covers textbook, workbook, consumable supplies, and certificate of completion.

Financial Assistance: Students with a need for financial assistance may contact Sallie Mae for a loan, the application process is easy! Call Boston Reed College for more information.

Community Job Survey: Starting pay \$15 – 20 per hour. Health services are one of the largest industries in the country, with about 11.3 million jobs. Population trends show significant growth in the number of older Americans. This will increase the demand for EKG testing. In the US between 2008 and 2015, the Employment Development Department (EDD) Labor Market Information Division (LMID) has projected 19% growth for this profession.

Certification: Upon successful completion of the program, graduates will receive our Certificate of Completion. Additionally, graduates will be qualified for the optional certification examination offered by the National Center for Competency Testing (NCCT) and the National Healthcareer Association (NHA).

Continuing Education: Certified Nursing Assistants - earn 48 CEU's.

Pre-requisites: Minimum 18 years of age and high school completion or its equivalent. Admission to the program is open to any interested student who is proficient in keyboarding, has a basic understanding of a word processing computer program (Microsoft Word recommended) and has a command of English grammar and punctuation. Students will be required to have access to the Internet, printing capabilities and an email address.



10 – Week EKG Technician Training Program

Tuesday & Thursday

2/07/12 – 4/12/12

6:00 pm – 9:30 pm

at

Penta Career Center

Perrysburg Ohio

**HOW TO REGISTER
ONLINE**

www.bostonreedcollege.com

PHONE

800 830-2228



BOSTON REED COLLEGE

BOSTON REED COLLEGE®
Allied Health Training Programs
Official Course Outline

Electrocardiography Technician

Goals and Purpose: Upon successful completion of course, the student will receive a certificate of completion from Boston Reed College. Graduates will be qualified to take the optional certification examination for EKG Technician offered by the National Center for Competency Testing (NCCT.)

Outcomes and Objectives:

At the end of the course the participant will be able to:

1. Articulate the role and responsibilities of an EKG technician.
1. Explain the role of an EKG technician on a multidisciplinary team.
2. Demonstrate knowledge of the anatomy and physiology of the cardiovascular and circulatory systems.
3. Describe the phases of the cardiac cycle.
4. Demonstrate knowledge of medical terminology related to the heart and EKG.
5. Explain the purpose of the EKG leads.
6. Describe characteristics of EKG tracings such as rhythm, rate, wave configuration, interval measurement, segments, and complex duration.
7. Become familiar with different EKG equipment including positive and negative electrode placement and leads.
8. Set up EKG equipment.
9. Develop familiarity with the Patient’s Bill of Rights, confidentiality, and other legal considerations related to EKG technicians.
10. Introduce himself/herself in a professional manner.
11. Use appropriate identification techniques to identify the patient
12. Explain the preparation of the patient, room, and equipment for EKG.
13. List the important information that must be included on the EKG report.
14. Demonstrate the ability to recognize normal and abnormal EKGs.
15. Demonstrate basic understanding of cardiac disorders and emergencies.
16. Explain the purpose and the pharmacology of drugs commonly used in the treatment of cardiac disorders.
17. Identify artifact and its causes.
18. Demonstrate proficiency in electrocardiography (EKG) by obtaining an EKG from a patient.
19. Explain Holter monitoring.
20. Demonstrate the application of a Holter monitor on a patient.

Instructional Units/Hours of Instruction:

<i>Topic</i>	<i>Hours</i>
1. Introduction to Role of EKG Technician	7
2. Professionalism/ Cultural Competency/Patient Rights.....	7
3. Cardiovascular Anatomy & Physiology/ Medical Terminology	14
4. Electrocardiography	35
5. Holter Monitoring	7
<i>Total Hours – 70</i>	

Instructional Strategies:

- Lecture
- Individualized Study
- Small Group Discussions
- Large Group Discussions
- Skills Demonstration
- Competency Check-off
- Role Play
- Small Group Projects
- Independent Research
- Workbook/Homework Assignments
- Textbook Assignments
- Multimedia

Methods of Evaluation:

- Quizzes
- Workbook Assignments
- Competency Check-off
- Midterm Exam
- Final Exam