

# CARDIOLOGY TECHNICIAN, Certificate Program - Noncredit

## *College and Community Development*

The Cardiology Technician Certificate Program is designed to prepare the student with the theoretical and technical expertise to perform basic cardiovascular assessment preliminary to treating patients with cardiac and peripheral vascular disease. This student may be required to submit Act 33 Child Abuse and /or Act 34 Pennsylvania State Police Criminal Background Checks prior to obtaining employment. The student should consider this factor before enrolling in this program. The complete program is available at the Harrisburg and Lancaster campuses. Courses in this program may also be available at the Gettysburg, Lebanon and York Campuses as well as online.

## *Career Opportunities*

This program will prepare individuals for employment as a cardiology technician in various healthcare settings from hospital facilities to physician practices.

## *Competency Profile*

This curriculum is designed to prepare students to:

- Perform various cardiology tests including EKG's, Holter Monitors, and Stress Tests
- Interpret EKG changes by identifying various types of cardiac dysrhythmias
- Obtain cardiac history
- Perform patient assessments and identify abnormalities of the CV system
- Take the national certification examination for Certified Cardiac Technicians

\*Completion of this certificate program, CCT certification and 6 months of work experience may allow articulation of up to 9 credits to either of the two current Cardiovascular Technology Degree Programs.

## **PROGRAM REQUIREMENTS**

This program was academically designed to be completed in approximately a year.

Introduction to Healthcare	18 hours
Medical Terminology	30 hours
Introduction to Anatomy & Physiology	45 hours
EKG Theory I	24 hours
EKG Theory II	18 hours
CPR BLS for the Healthcare Provider	4.5 hours
EKG Applications	30 hours

## **RECOMMENDED SEQUENCE FOR STUDENTS**

Students can complete this program by taking one or more courses each semester. Follow prerequisites as listed on course schedules.

Introduction to Healthcare  
Medical Terminology  
Introduction to Anatomy & Physiology  
EKG Theory I  
EKG Theory II  
CPR BLS for the Healthcare Provider  
EKG Applications