

CARDIOLOGY TECHNICIAN, Certificate – (Noncredit)

Healthcare Education - Office of Academic Affairs & Workforce Development

CIP Code: 181010

The Cardiology Technician Certificate Course 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 course. The certificate is available at the Harrisburg Campus through various modalities (e.g., hybrid, synchronous remote instruction and asynchronous instruction) in addition to on-campus/in-person instruction.

Career Opportunities

This course prepares 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 (CCT)

*Completion of this certificate course, CCT certification and six months of work experience may allow articulation of college credits to either of the two current Cardiovascular Technology Degree Programs.

PROGRAM REQUIREMENTS

This 165-hour course was academically designed to be completed in approximately a year.

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| Medical Terminology | 30 Lecture hours |
| Introduction to Anatomy and Physiology | 45 Lecture hours |
| Cardiac Illness and Disease | 18 Lecture hours |
| EKG Theory | 42 Lecture hours |
| EKG Applications | 30 hours (15 Lecture/15 Lab) |

RECOMMENDED SEQUENCE

Students can complete the course in one year by taking the courses listed above in the required sequence.

Students must successfully complete the course in its entirety and provide a certificate of CPR BLS for the Healthcare Provider to receive a certificate of completion.