

Program Overview

The mission of Central Ohio Technical College is to meet the technical education and training needs of students and employers in the area.



Education that pays

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Electrocardiography Technician Certificate

Under the supervision of physicians and/or nurses, electrocardiography technicians operate equipment that records and measures heart activity (EKG/ECG diagnostic examinations) and report results to the treatment team. These measurements are used to assist cardiologists and other physicians in diagnosing and treating problems with a patient's heart and blood vessels.

Students receive instruction in human biology, medical terminology, selected cardiovascular medications and effects, basic patient care, and professional standards and ethics.

Graduates are awarded a Certificate of Completion in the Electrocardiography Technician program. Recipients of the certificate may seek immediate employment, pursue the Associate of Applied Science in Health Services Technology or enroll in other health care associate degree options. This certificate would enhance the skill set of COTC nursing students.

Learning Outcomes

Upon completion of the Electrocardiography Technician program, the graduate will be able to:

- Demonstrate knowledge of human body structure, function and pathology.
- Demonstrate knowledge of cardiac electrophysiology.
- Demonstrate completion of appropriate diagnostic studies including but not limited to EKG, ECG, telemetry.
- Correctly identify basic rhythms, lethal rhythms and artifact.

Important Student Characteristics

- Good verbal communication skills
- Good reading skills

- Good time management skills
- Sense of self-responsibility
- Recognition of the importance of teamwork, consideration and cooperation

Career Opportunities

Electrocardiography (EKG) technicians have a lot of important roles to fill. EKG technicians are responsible for administering electrocardiograms to patients within a hospital setting, assisting in daily operations of the work department, and communicating with patients and peers.

The need for qualified EKG technicians continues to rise as the aging population in America grows (and with it, the prevalence of heart-related conditions). Earning your certificate will help you launch a successful and meaningful career that can help make a difference in countless lives. Whether you seek full-time or part-time employment, the opportunities in this profession are flexible and in high demand.

How do I Start?

New students can complete the **free** online application for admission at cotc.edu/apply. Current or returning students can contact The Gateway at any of our four campus locations for your next steps.

The Gateway:

Newark Campus	740.366.9222 800.963.9275
Coshocton Campus	740.622.1408
Knox Campus	740.392.2526
Pataskala Campus	740.755.7090

COTC Admissions:
cotcadmissions@cotc.edu

COTC Academic Advising:
cotcadvising@cotc.edu

Accreditation/ Membership

Central Ohio Technical College is accredited by The Higher Learning Commission and is a member of the North Central Association. Phone: 312.263.0456
hlcommission.org

COTC is also a member of the American Association for Higher Education, the American Association of Community Colleges, the American Council on Education, the American Technical Education Association, Inc., the Ohio Association of Two-Year Colleges and the Ohio College Association.

Non-Discrimination Statement

Central Ohio Technical College is committed to building and maintaining a diverse community to reflect human diversity, and to improve opportunities for all. The college is committed to equal opportunity and eliminating discrimination. This commitment is both a moral imperative consistent with an intellectual community that celebrates individual differences and diversity, as well as matter of law. Central Ohio Technical College does not discriminate on the basis of age, ancestry, color, disability, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, race, religion, sex, sexual orientation, protected veteran status, or any other basis under the law, in its activities, programs, admission and employment. General information, questions, concerns or complaints related to these matters are to be directed to the Title IX Coordinator Holly Mason, Warner Center, Suite 236, Ohio State Newark/COTC, 1179 University Drive, Newark, Ohio 43055-1797 (740.364.9578) or ADA/504 Coordinator Connie Zang at the same location.



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