Course Schedule

2023 Course Schedule
Tuesday and Thursday
Class begins: Jan. 2nd – Mar. 7th
Class begins: Mar. 12th – May 16th
Class begins: May 21st – July 25th
Class begins: July 30th – Oct. 3rd
Class begins: Oct. 8th – Dec. 12th

Day course meets Tuesdays and Thursdays from 9:00 am-1:00 pm for 10 weeks.

Midday course meets Tuesdays and Thursdays from 1:30 pm-5:30 pm for 10 weeks.

Evening course meets Tuesdays and Thursdays from 6:00 pm-10:00 pm for 10 weeks.

(May include some Fridays to make up for holidays)

There is no externship requirement for the completion of this course.

Faculty

The didactic and clinical education is taught by a team of highly experienced faculty consisting of dedicated instructors, certified phlebotomists, and nurses from various specialty areas. They are chosen for their commitment to teaching and clinical expertise. The faculty and staff are committed to providing the best possible educational environment and instruction to assure competency in all areas of the established curriculum.

General Admissions Requirements

1. Applicants must be 18 years or older. All applicants must present either a State issued Identification card /driver's license or passport. You must have a social security number, therefore; you must be a US Citizen or eligible to work in the United States.
2. Proof of High School Graduate/GED or achieved a degree higher than High School Diploma. (Foreign transcripts for diplomas earned outside of the US must be evaluated for US equivalency.)
3. Felony, and certain misdemeanors (drug and theft), convictions are not allowed.

Hours of Operation

Monday-Thursday:	8:30AM - 9:30PM
Friday:	8:30AM - 5:00PM
Saturday:	Closed
Sunday:	Closed

4041 Lone Tree Way Suite 101
Antioch, CA 94531

Enroll Online or Call 925-757-2900 to schedule an appointment with our Admissions Counselor Today!

www.ccmcc.edu

EKG/ECG Technician Course

ACCET Accredited
California State Approved

Course Clock Hours
60 Didactic (Classroom)
20 Laboratory
Total Clock Hours: **80**

CONTRA COSTA MEDICAL CAREER COLLEGE

Goals and Purpose

Upon successful completion of the program, the student will receive a certificate of completion from Contra Costa Medical Career College. The program is designed to provide instruction in electrocardiography testing and interpretation procedures used in detecting heart disease and other cardiovascular disorders. The program covers the broad spectrum of electrocardiography, the art and science of EKG foundations and applications, the basic building blocks of knowledge including; waves, complexes, lead morphology, and rhythms; and the more complex topics including; 12-lead EKGs, axis, hypertrophy, myocardial infarction and pacemakers. Participants qualify for certification by examination through the National Healthcareer Association (NHA). There are no prerequisites for this course.

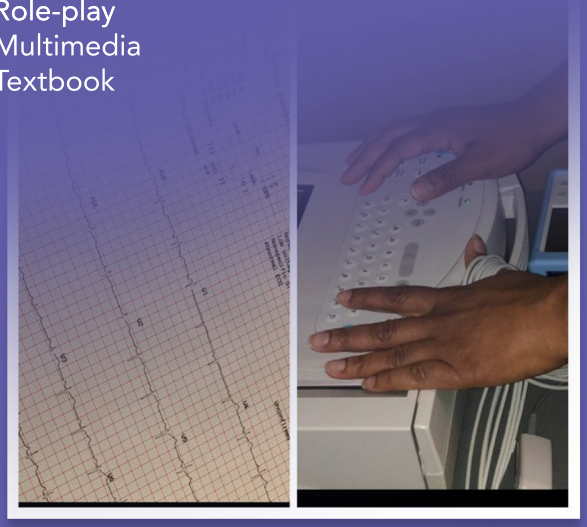
Outcomes and Objectives

After successful completion of this program the student will be able to:

- Define the anatomy, physiology, and terminology of the coronary system.
- Describe the elements that cause, and the process that takes place allowing changes to be picked up by sensors on the skin and printed out as an EKG.
- Understand the necessity and placement of 12-Lead EKG.
- Demonstrate performance and interpretation of 12-Lead EKG.
- Demonstrate how to take a blood pressure reading.
- Demonstrate how to obtain pulse and respiration assessment.
- Identify and troubleshoot the different kinds of artifact.
- Calculate heart rate and differentiate between types of rhythm regularity.
- Identify and interpret a variety of rhythms.
- Identify signs and symptoms of a patient experiencing an abnormal cardiac event.
- State the criteria, interpretation and adverse effects of sinus and atrial rhythms.
- State the criteria, identification, and adverse effects of junctional and ventricular rhythms.
- State the criteria, identification, and adverse effects for each type of AV block.
- Understand EKG changes associated with myocardial infarction.
- Identify the function, indication, and components of a pacemaker.
- Describe examples and effects of digitalis, adenosine, and antiarrhythmic medication.
- Describe types of diagnostic electrocardiography and their role in testing to rule out disease.
- Describe indications, contradictions, and demonstration of Holter monitoring.

Instructional Methods

- Lecture
- Independent research
- Small group discussions
- Group activities
- Demonstration
- 1 on 1 instruction
- Role-play
- Multimedia
- Textbook



Course Fees

Fees, Charges, and Expenses

Registration Fee	$200.00 (non-refundable)
Tuition	$2,625.00
STRF Fee	$7.50
Total Amount Paid to school	**$2,832.50**

Out-of-pocket expenses are approximate
(not paid to the institution)

Textbook	$87.50
Uniform/Shoes	$30.00
NHA Certification Examination	$135.00 (optional)
Total out-of-pocket expenses	**$252.50**