Collin College Dual Credit Program

Electrocardiograph Technician (EKG) Information Sheet

Melissa ISD

EKG Overview

The Dual Credit **Electrocardiograph Technician (EKG) Program** offers high school students the opportunity to earn both high school and college credit while gaining hands-on skills in a growing healthcare field. Through this program, students learn how to perform electrocardiograms (EKGs), understand heart rhythms, and assist in the diagnosis of cardiac conditions.Upon successful completion, students will be eligible to take the EKG certification exam through the National Healthcareer Association (NHA)—opening doors to entry-level healthcare jobs right out of high school or a strong head start toward a career in medicine.

Skills & Responsibilities

EKG students will learn to:
✓ Understand basic heart anatomy and physiology
✓ Identify the electrical conduction system of the heart
✓ Use EKG machines and other cardiac monitoring equipment
✓ Prepare patients for EKG procedures with professionalism and care
✓ Accurately place electrodes on the body
✓ Obtain clean and accurate EKG tracings
✓ Recognize normal and abnormal heart rhythms
✓ Communicate effectively with patients and healthcare professionals
✓ Maintain patient privacy and confidentiality (HIPAA compliance)

Coursework & Certification

Students must successfully complete the following courses:

- **HPRS 2321** – 1st 8-week session (Fall Semester) - 3 credits
- **HPRS 2310** – 2nd 8-week session (Fall Semester) - 3 credits
- **DSAE 2303** – 1st 8-week session (Spring Semester) - 3 credits
- **DSAE 1340** – 2nd 8-week session (Spring Semester) - 3 credits

Upon completion, students can sit for the **Electrocardiograph Technician (EKG) certification exam**, administered by **National Healthcareers Association (NHA).**

Program Costs

All Independent School Districts vary in their funding of these programs. Please contact your school district to determine if any costs are covered by the ISD. For more information regarding cost refer to Dual Credit Website: https://www.collin.edu/express/dualcredit/

Grading Policy

To remain in the program, students must maintain a **C (74.5%) or higher** in all courses.

Letter Grade	Numeric Range
A	90 – 100%
B	80 – 89%
C	74.5 – 79%
F	Below 74.5%

Students must pass all **didactic, lab, and clinical components** to progress in the program.

For more information, contact the **Health Professions department** at Collin College. HealthProfessions@collin.edu

Students: Please check your Collin College email in late May for an invitation to the Dual Credit Boot Camp