

# ELECTROCARDIOGRAM TECHNICIAN - CERTIFICATE OF ACHIEVEMENT

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**(one semester – 4 credit hours)**

## **A Suggested Plan of Study**

The contents of this roadmap may vary depending on initial student placement in mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

NOTE: Students must earn a final grade of C- or better in all required courses and achieve a cumulative grade-point average of at least 2.0.

Students must complete all University certificate requirements to total at least 4 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

ECG technician students are trained with 12 lead ECGs, which are tracings of the electrical impulses transmitted by the heart. The technician attaches electrodes to the patient in the correct anatomical location and then operates the ECG machine to obtain a clear and accurate reading. A qualified medical physician then interprets the ECG reading. Graduates can also find employment observing and checking the quality of ECG rhythms on a continuous monitor in hospitals. Graduates may also work in clinics or hospitals preparing, observing, and providing post-care for patients having various cardiac test including stress testing and Holter monitoring. Upon successfully completing this course, students are eligible to take the NHA national exam to become certified electrocardiogram technicians. Pre-requisite: BIOL 1130G Introductory Anatomy & Physiology (non-majors)

<b>Semester 1</b>		<b>Credits</b>
MAST 1112	Electrocardiogram Technician Basic	4
<b>Credits</b>		<b>4</b>
<b>Total Credits</b>		<b>4</b>