

ELECTROCARDIOGRAPH TECHNICIAN

Electrocardiograph Technicians (ECG / EKG) assist physicians in diagnosing and treating cardiac (heart) and vascular (blood) ailments. This course provides entry-level training for Electrocardiograph Technicians to operate and maintain EKG machines. Students who successfully complete this program will earn 6 units of college credit, and will be eligible to take the EKG Technician National Certification Exam.

For more information, please visit: SimiInstitute.org



COURSE FEE: \$830 | OFFERED IN SPRING & FALL SEMESTERS

Students must have a U.S. high school diploma or equivalent is required to take the EKG Technician National Certification Exam.

CURRICULUM

- Vital signs
- Medical terminology
- Anatomy
- Physiology
- Measure heart rates and rhythms including arrhythmia (irregular heartbeat)
- Prepare patient for procedures
- Operate and maintain EKG machines

- *Optional supplementary courses offered:*
Medical Assistant and Medical Terminology

JOB DUTIES

- Assess the heart by looking at its electrical activity
- Operate and maintain EKG machines
- Document patient's medical history and explain procedure
- Attach electrodes to patient's chest, arms, and legs
- Conduct test by starting EKG machine and recording wave tracings on a roll of paper
- Mark sections of test report that the physician should review