



EKG Technician

80 In-Classroom Hours

Certified Medical Scribe Specialists (CMSS) are credentialed and certified clinical assistants to the physician. **Each successful candidate is issued a 12-month CMS compliance issuance of certification and credentials.** CMS has asked that each provider or practice maintain a copy of the CMSS Specialist crosswalk and CMSS Compliance Certificate document in their files, just as they would retain documentation outlining their individual approach and method, as well as staffing protocols for audit purposes. ACMSS requires 3 accredited hours of Continuing Medical Education, as approved by ACMSS.

General Information:

Call for details - Classes start soon! Flexible schedules.

Course Overview:

This 80-hour comprehensive EKG Technician course will prepare students to serve as EKG Technicians and take relevant national certifying exams. The course will combine theory and practice to provide instruction in all aspects of EKG technology and patient care. Students will learn about anatomy and physiology of the cardiovascular system, appropriate patient care, and the legal and medical aspects of patient care. The course will also include comprehensive instruction in EKG placement and interpretation, along with information regarding the role of the EKG in diagnosing and managing cardiovascular problems. In addition to theoretical instruction, students will apply what they are learning in the course through practical, lab-based activities. Upon completion of this course, students will be fully prepared to work as an EKG Technician.

Topics Covered:

1. Describe the role and responsibilities of the EKG Technician.
2. Identify strategies to ensure appropriate patient care and safety.
3. Describe the medical and legal aspects of EKG Technology and Patient Care.
4. Identify the components of the Patient's Bill of Rights.
5. Demonstrate knowledge of the anatomy and physiology of the Cardiovascular System.
6. Describe the process that occurs when and EKG is used to monitor the cardiovascular system.
7. Demonstrate how to prepare a patient for EKG testing.
8. Demonstrate proper placement and set up of the EKG.
9. Demonstrate proficiency in the use of EKG technology.
10. Demonstrate proficiency in recording of EKG wave patterns and correct usage of EKG equipment.

11. Accurately calculate heart rate and identify the differences between types of rhythm regularity.
12. Accurately interpret rhythm strips.
13. Describe the relationship between EKG and Myocardial Infarction.
14. Perform the proper procedures for applying a Holter monitor.
15. Recognize commonly used cardiac medications in relation to their effects on heart rate and their correlation to arrhythmias.

Modules:

1. Introduction to the EKG
2. What is an EKG Technician?
3. Role of the EKG Department
4. Patient Care and Safety
5. Medical and Legal Aspects (HIPAA)
6. General Anatomy and Physiology of the Cardiovascular System
7. Electrophysiology
8. EKG Placement and Technology
9. Waves and Measurements
10. Interpreting Rhythm Strips
11. Interpretation of the 12-Lead EKG
12. EKG and Myocardial Infarction
13. Medications and Electrical Therapy
14. Diagnostic Electrocardiography

Instructional Strategies:

- Lecture
- Skills Demonstration
- Group Activities
- Laboratory Experience
- Individual Activities

Methods of Evaluation:

- Quizzes & Exams
- Written Assignments
- Skills Demonstration

Grading System:

Student must pass all unit tests and module exams at 70% or better to be eligible for a certificate of completion and to be prepared to take the final examination if applicable in their particular program.

Attendance:

Students are expected to arrive on time and participate in course discussions. Successful completion of the course of study recommends 100% attendance. If during the course period the student's attendance level drops below 80%, they will be encouraged and given the opportunity to attend the next class for the course they enrolled in. Should materials change, student is responsible for all additional cost.

Refund Policy:

- **3-DAY MONEY BACK POLICY:** Students may withdraw from the program for any reason within 3 days of executing the enrollment agreement prior to the start of program. In this case, the student's enrollment agreement shall be rescinded provided the student returns all course materials.
- **No Refund after 3 days:** If, for any reason, a student wishes to withdraw after the initial 3-day period prior to the start of the class, they are not released from their obligation to pay the program fees in full and are not entitled to any refund.

Re-Admission Policy:

Any student who has dropped out of the program, or has been suspended from the program for nonattendance may be readmitted within one year by completing a personal interview with the director of education and paying any applicable fees at the time of readmission. Students who were terminated due to conduct issues are not eligible to be readmitted.

Policy on Student Conduct:

Appropriate Conduct: All students are expected to conduct themselves in an orderly and professional manner. Any student not conducting themselves in an orderly and professional manner, which includes use of drugs and alcohol during school hours, dishonesty, disrupting classes, use of profanity, excessive tardiness, insubordination, violation of safety rules, improper usage of lab or classroom computers, or not abiding by the school rules will lead to either probation or dismissal from classes.