EXAM-PREP SERIES

MASTERING CAREERS & SKILLS

# EKG TECHNICIAN CERTIFICATE (CET)

The Complete Electrocardiography Course



2026–2027 EDITION

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# EKG Technician Certificate (CET)

by **Feras Alzubi**

## BOOK DESCRIPTION

About this book. Complete Electrocardiography from Zero — the Heart and Its Conduction System, the 12-Lead Machine and Electrode Placement, Waveform Measurement and Rhythm Recognition, Stress Testing and Ambulatory Monitoring — Plus Full Mastery of the NHA Certified EKG Technician Exam — that full scope is what this book teaches and reviews. Apparatus, stated exactly: 680 items, 2 forms ×120 presented. Every practice answer is explained. The book's new subtitle states the selling summary: “The Complete Electrocardiography Course — 680 Practice Questions, Diagnostic & 2 Full Timed Practice Tests, Every Answer Explained”

One national NHA exam: the Certified EKG Technician (CET) — 120 presented items (100 scored + 20 pretest) in 2 hours, in a single continuous session, across three domains weighted 32 / 44 / 24 on the current test plan (based on the Job Analysis completed in 2017), scored on NHA's 200–500 scaled score, with a scaled score of 390 or higher passing, as NHA publishes it. This book prepares you for the written CET examination and teaches electrocardiography

completely. It does not satisfy any eligibility requirement: NHA requires documented performance of ten EKGs on live individuals, which only a training program, employer, or externship can supply. A new CET exam launches Winter 2027/2028 with minimal content change; this book is built on the current test plan, teaches both plans' content, and maps the transition inside (Appendix B). This book is an independent study guide. It is not published by, affiliated with, endorsed by, or approved by NHA, and NHA did not participate in its creation. Exam names and trademarks belong to their respective owners. Passing any exam also depends on the candidate's own preparation; no book can guarantee a result. 20 chapters · 131,081 words of teaching prose · 680 practice items · 2 full practice forms in the CET's own presented shape (120 items, 2 hours) · 32 original labeled figures plus 79 original drawn strip exhibits · 383-term glossary · test-plan crosswalk (3 domains, both published plans)

What is inside

- Complete electrocardiography from zero — 20 chapters in six parts: the heart and its conduction system from the ground up; safety, compliance, and coordinated patient care; EKG acquisition (the machine, settings and calibration, electrodes and lead systems, the standard 12-lead, artifacts and troubleshooting, telemetry and ambulatory monitoring);

analysis (waveform components and the measurement method, rate and regularity, arrhythmia recognition, and the patterns that escalate); stress testing and the working technician's record; and the exam layer itself. - 680 practice items, every one fully explained — why the key is right and why each other option is wrong: a 50-item entry diagnostic scored by domain in NHA's Above / Near / Below language with routing to chapters and repair sets; 300 chapter-quiz items (20 per chapter, Chapters 2–16); two full practice forms presenting 120 items in 2 hours, closed-book (100 scored-form items at 32/44/24 plus 20 pretest-form items identified only in the key); and 90 domain repair items in three sets. Every measurement and rhythm-recognition item keys to a printed original strip drawn for this book. - 114 original visual works — 32 labeled figures (the heart in the chest, the machine and its control panel, electrodes and leadwires, chest and special placements, the telemetry and Holter sets, the stress station, the AED), 3 chapter teaching strips, and 79 drawn exam strip exhibits, all original artwork created for this book; no published tracing is copied, traced, or redrawn.

AI disclosure: This book's content was generated by an AI-based tool (Muse) and reviewed, fact-checked against primary sources, and prepared for publication by Feras Alzubi.

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