



Certified Electronic Health Record Specialist (CEHRS)

Preparation Suite Edition 2.2 Implementation Guide

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About This Guide

This guide is a companion to the *Certified Electronic Health Record Specialist (CEHRS) Preparation Suite 2.2*, and is to provide directed preparation for the CEHRS certification exam and to instill the knowledge and standards needed for excellence in the practice of medical billing and coding. We incorporated information such as how many hours you will need to incorporate the training, numerous tips to make implementation seamless, and detailed information on what content is included.

LEGEND

Learner: Student, Employee, or Apprentice | Facilitator: Educator, Instructor, Trainer, or Employer

What's New!

CEHRS 2.2 contains 15 new EHR Simulation Activities, covering administrative and clinical operations, activities related to the revenue cycle and finance, accurate coding, and reporting.

Description

The *Certified Electronic Health Record Specialist (CEHRS) Preparation Suite 2.2* is to provide directed preparation for the CEHRS certification exam and to instill the knowledge and standards needed for excellence in the practice of using electronic health records.

Preparation materials include an online or printed study guide, two online practice (formative) tests, and one final practice (summative) assessment. These materials may be purchased separately, but this implementation guide refers to using the study guide in conjunction with the practice tests as a suite of preparation resources.

While certification is important, certification candidates are often anxious to sit for exams. The CEHRS study guide provides the best insight on the type of content that will be included on the certification exam and can be an invaluable resource for exam preparation. It is, however, a study *guide*. It should not be the only resource used to prepare, and it will not necessarily cover the specific construct of every question on the certification examination. Rather, it will provide the map to success by presenting overviews of each topic included in the test plan. These materials are not meant as replacement for career training and education in field.

The end of module quizzes and practice tests provide opportunities to practice answering the types of questions that may appear on the certification exam. Although some of the answers to the questions on these practice tests will be found in the study guide, many will not. This provides additional learning opportunities and helps ensure that learners are not just memorizing information in the study guide, but rather using all learning resources so that they are better prepared for testing. All questions will be relevant to the certification test plan.

Features

The study guide, available in both printed and online formats, focuses on electronic health record principles as aligned with the CEHRS exam test plan.

FEATURES INCLUDED IN BOTH THE ONLINE AND PRINTED STUDY GUIDES

- Illustrations, images, and tables help to explain and clarify concepts.
- Glossary terms allow certification candidates to review definitions of selected terms.
- End of module quizzes assess candidates' knowledge of module content and other relevant subject matter related to the test plan.
- Case studies in the printed and online version of the study guide and the virtual EHR Simulation Activities in the online version test candidates' ability to think and respond to real-world scenarios.

FEATURES ONLY AVAILABLE IN THE ONLINE STUDY GUIDE

- Electronic gaming-style knowledge checks, flashcards, and EHR Simulation Activities to help reinforce learning throughout module sections.
- The CEHRS online study guide includes three video case studies that provide real world critical-thinking practice. These are found in the Nonclinical Operations module, the Revenue Cycle and Finance module, and the Regulatory Compliance module. Learners watch a scene and then answer critical thinking questions following.
- Professionalism tips videos provide insight on important essential soft skills specific to Electronic Health Records Specialists and include: Adaptation, Communication, Confidence, Good Attitude, Professionalism, and Work Ethics and Ethical Integrity. These can be found under Resources in the lower left-hand corner of any module page.
- Video Practice Challenges (Case Studies) reinforce information presented in the module.
- Centralized Quiz Scoring includes both Individual and cohort results.

ONLINE PRACTICE TEST FEATURES

- Online practice tests match the CEHRS exam test plan and provide rationales for each question. Focused Review© is provided for remediation based on practice test results.

Using the Certification Prep/Study Guide

WHY USE THE MATERIALS

Promote certification candidate's success in the use and knowledge of electronic health records.

- Facilitate content mastery.
- Help certification candidate improve confidence.
- Supports certification candidate understanding and review of core knowledge of electronic health records.
- Advocate certification candidate self-learning.

Provide review materials to assist with preparation for CEHRS exam.

- Study guide can be viewed in printed or online format for customized learning.
- Online practice tests provide questions and answers to assess learning.
- Glossary reinforces vocabulary.

Support faculty teaching practices.

- Assign selected modules as an adjunct to lecture in an aligning course.
- Assess and reinforce the effectiveness of in-class presentations.

FACILITATOR TOOL KIT

- CEHRS 2.2 contains a Facilitator Tool Kit (FTK). This tool kit will assist facilitators in customizing the course to meet their needs.
- The FTK provides a set of optional resources that can be used with other sections to reinforce the key concepts.
- The following tools are contained in the FTK:
 - This Implementation Guide
 - Additional Coding and Billing practice activities
 - Answer Keys (quizzes, coding and billing practice activities)
 - Fillable CMS-1500 Form
 - References
- In order to access the files from the FTK, you should have received an email from your NHA representative with the materials attached or a link to where to find these. If you haven't received these, reach out to your NHA representative and let them know you would like access.

Implementation Strategies

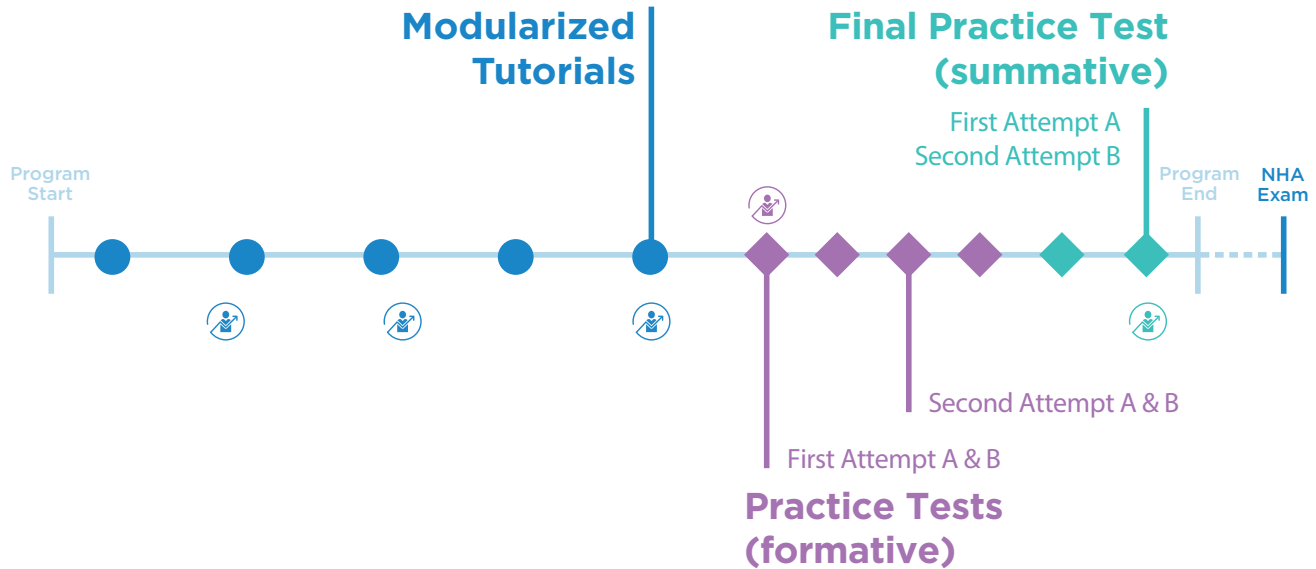
WHERE TO START

Mapping the national certification test to course curriculum

Course curriculum extends beyond the national certification test plan ([View all test plans here](#)), but this can help to ensure all certification exam content will be covered throughout the duration of the course.

Certification preparation materials (study guide, module quizzes, and practice tests) should be used in addition to existing course curriculum, but never as a replacement for course curriculum.

CEHRS IMPLEMENTATION TIMELINE



Modularized Tutorials

Modularized tutorials cover core exam sections; associated quizzes for each exam section.



Practice Tests (formative) Versions A & B

Gauge what has been learned and get learners familiar with exam format; To obtain the most meaningful data, rationales should be turned off and practice test should be taken over a 2-hour, 5-minute period (to mimic the final practice test); however, five hours are allowed for each practice test. Leave time for learner remediation between each attempt; then assign the second attempt of Practice Tests, Versions A & B



Final Practice Tests (summative) Versions A & B

Gauge what has been learned and get learners familiar with exam format; To obtain the most meaningful data, rationales should be turned off and final practice test should be taken over a 2-hour, 5-minute period. Leave time for learner remediation between each attempt. Assign the second attempt of Final Practice Tests, Versions A & B

STUDY GUIDE IMPLEMENTATION

- Read the study guide outline to know exactly what topics are covered and in what order.
 - The study guide provides a review of core subjects on the national certification test plan.
 - The study guide may be used as supplementary material throughout the course, and again during the last part of training. Leveraging these resources again, closer to the proximity of the exam date (data suggests within two [2] weeks) can help keep tutorial content fresh in the certification candidate's mind.
- Match module content to related courses and build into lesson plans.
- Assign related module content for each course.
- Direct certification candidates to complete all textbook/workbook assignments first, then to move to the study guide assignment.
- Assign a study guide "module quiz due date" a couple of days before the end of each related course.
- Review module quiz learning insights to determine if there are any gaps in over-all learner learning. Review common deficiency areas with the learners, before moving on to next course.
- Have learners take all module quizzes a second time before taking the first practice test.

RECOMMENDED TIME

<i>Content</i>	<i>Time</i>
Entire Study Guide Content	5.0 hours
Extra Module Features	1.75 hours
Module Quizzes	2.5 hours
Total Study Guide Hours	9.25 hours

RECOMMENDED TIME¹ PER MODULE BREAKDOWN

<i>Module Name</i>	<i>Learning Content</i>	<i>Estimated Extra Features²</i>	<i>Module Quiz (each attempt)</i>	<i>Estimated Total Time</i>
Non-Clinical Operations	55	20	30	105
Clinical Operations	70	20	30	120
Revenue Cycle/Finance	70	25	30	125
Regulatory Compliance	70	15	30	115
Reporting	40	15	30	85

1. All times in minutes.

2. Extra features include gaming style practice activities, video case studies, EHR Simulation Activities, module overview videos.

PRACTICE TEST IMPLEMENTATION - 5 HOURS EACH ATTEMPT (MAX 4)

Administer the first online practice test (formative).

- There are a total of two practice tests, each of which can be taken twice. The practice tests have 100 scored items, with three (3) minutes per item for a total of 300 minutes (5 hours).
- A certification candidate's first attempt on the practice test should be attempted after all domains of the CEHRS test plan have been presented and learners have completed all five (5) modules in the study guide and taken each module quiz twice.
- Give certification candidates ample time to review any content areas that provided challenges on each Practice Version test.
- It is recommended to disable the rationales for a certification candidate's first attempt and to set a timer for 2 hours and 5 minutes (which mimics the final practice test); however five (5) hours are allowed.
- Practice tests are administered in the following order:
 1. Practice version 2.2 A
 2. Practice version 2.2 B
- Candidates should have sufficient time to spend in focused review before moving to additional tests (suggested one (1) minute in focused review for every question missed).

Administer additional online practice test (formative) (2nd attempt).

3. Practice version 2.2 A (2nd attempt)

4. Practice version 2.2 B (2nd attempt)

- Direct learners to take the second attempts for Practice versions 2.2 A and 2.2 B (consider turning rationales off) and setting a timer for 2 hours and 5 minutes (which mimics the final test); however five (5) hours are allowed.
- NHA recommends that all learners take each practice test twice.
- It is up to the facilitator to decide if rationales should be turned on or off and whether or not the exams should be timed according to exam day specifications.

FINAL TEST IMPLEMENTATION - 2 HOURS, 5 MINUTES EACH ATTEMPT (MAX 2)

- There is one final practice test (summative) which has 125 scored items, with one (1) minute per item for a total number of 125 minutes (2 hours, 5 minutes).
- Final Practice tests are administered in the following order:
 1. Final Practice version 2.2: This attempt cannot be paused and restarted. Please allow adequate time for this to be completed in one sitting.
 2. Final Practice version 2.2 (2nd attempt): This attempt also cannot be paused and restarted. Please allow adequate time for this to be completed one sitting.
- The Final Practice version should be administered in close proximity to the NHA certification exam date. (Data suggest within five (5) days.) Administering the Final Practice version close to the NHA certification exam can keep the candidate more engaged, as well as reduce test anxiety through increased familiarity with the exam format.

Analytics

BEST PRACTICES

The following is a review of some practices that may help learners get the most out of the CEHRS preparation materials (study guide, quizzes, and practice tests).

- Align individual modules in the study guide with related courses.
- Assign learners related study guide modules for the courses in which they align.
- Encourage learners to spend a minimum of the recommended time listed in the Implementation Guide to complete all assignments in the study guide.
- Direct learners to take individual module quizzes after completing each related course and module materials.
- Direct learners to take all modules quizzes a second time after completing all program courses and study guide assignments.
- Review all quiz reporting tools after administering and address any common learning gaps.
- Administer the first practice test (Version 2.2 A) after learners have completed all modules and taken each module quiz twice. Consider turning rationales off and setting a timer for two hours and five minutes to mimic what will occur on test day.

- Have learners go into focused review and review what they missed on the first practice test (Version 2.2 A). (Learners should spend a minimum of one minute in focused review for each question they miss.) It is also a good idea for learners to go back to their textbooks in those same areas in which they struggled for a deeper dive into related content.
- Have learners repeat the same instructions that they followed for the first practice test (Version A) for the next practice test (Version B).
- Once learners have completed both first attempts of the practice tests (Versions A and B), have them take the second attempts for practice versions of the tests. These can be taken with rationales turned on or off and timed according to the facilitator's preferences.

GENERAL INSTRUCTIONAL STRATEGIES FOR FACILITATORS

- Inform certification candidates where policies and procedures differ from the study guide.
- Supplement the study guide with handouts that explain the rules and regulations of your state.
- Review video practice challenges/case studies and EHR Simulation Activities together as a class.
- Assign learners to watch one to two professionalism tips per module and have them journal their thoughts about the characteristic or skill presented, and state whether or not they need to improve in the area presented, in order to be successful in their health career journey.
- Highlight real-world application of knowledge and skills from your experiences as an Electronic Health Record Specialist (or invite a field expert).
- Conduct tests of material mastered and as opportunities for setting goals for improvement.
- Assign a project that pertains to news stories or current events. If new legislation is in the news, ask certification candidates to research the topic.
- Keep in mind that adult learners often do better with hands-on learning.
- Encourage questions from certification candidates.
- Meet one-on-one to talk about progress and challenges.
- Invite a past certification candidate who recently passed the exam to visit the class and talk about their experience and best practice for preparation.
- Invite field experts (providers, clinical supervisors, office managers) to come and talk about the importance of essential soft skills on a regular basis.

ACTIVE INSTRUCTIONAL STRATEGIES FOR FACILITATORS

- Have certification candidates teach the new concepts to the class.
- Assign readings and follow up the next day with tasks that relate to the subject matter of the module.
- Create index cards with questions from the module and have each certification candidate read the question and teach the content to the class. After each module/lesson, request that the group provide feedback.
- Whenever possible, break facts into segments. Larger modules/lessons become more manageable when broken into segments.

Frequently Asked Questions – CEHRS 2.2

<i>Question</i>	<i>Answer</i>
Who would benefit from the CEHRS Certification?	<p>NHA's CEHRS Certification is designed for individuals who will have a high-level/big picture view of how their work in EHR has a major impact on patients and the institution.</p> <p>CEHRS adds value to administrative and clinical roles with responsibilities in the EHR like Medical Assistants, Medical Administrative Assistants, Billing and Coding, Phlebotomists, Pharmacy Technicians, and Patient Care Technicians.</p>
How is the prep for the new exam different from the previous prep?	<p>The prep for the new exam will reflect content to review in alignment with the new test plan and crosswalk, plus you will have access to three unique practice tests, modularized tutorial content, and quizzes to cover the updated key content areas. There will be audio, visual, and learning reinforcement enhancements. Specific details follow:</p> <p>The Online Certification Study Guide offers a dynamic learning environment to give facilitators and learners the control to use and adapt both in and outside the classroom. Modules can be leveraged alongside the lesson plan to reinforce learning and check understanding with topical quizzes in real time which allows an immediate remediation opportunity.</p> <p>The online Study Guide also includes:</p> <ul style="list-style-type: none">• Professionalism tips videos throughout that provide professionalism strategies to the learner.• Gaming style knowledge checks (multiple choice, drag and drop, matching)• Case Study Videos• EHR Simulation Activities at the end of each module where the learner will be asked to enter scenario-based information into data entry fields emulating a patient medical record.• Digital flashcards allow learner to mark terms as “Study” or “Know” and the ability to shuffle the order they are presented.• Flexibility for facilitators to assign and match modules to the instructional lessons in their programs.• Loaded with practice questions to build confidence and identify problem areas in preparation for the certification exam.• End of Module Quizzes• Two Formative practice tests (with rationales provided)• Summative practice test (with rationale provided) will simulate the actual certification exam
Definitions	<p>Formative tests (Practice version tests A & B) are quizzes and tests that evaluate how someone is learning material throughout a course.</p> <p>Summative tests (Final Practice Version test) are quizzes and tests that evaluate how much someone has learned throughout a course.</p>

Product Support

At NHA, we pride ourselves on timely, effective support to meet your needs. Please contact us at 800-499-9092 if you need assistance with this product.

Technical Requirements

To learn more about technical requirements for this offering, refer to the following links.

- Requirements for the module package: <https://info.nhanow.com/technical-requirements>

ISBN and Copyright Information:

- Printed study guide: 978-1-56533-196-9
- Online study guide: 978-1-56533-197-6
- Practice tests: 978-1-56533-198-3

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