

SEE Handbook

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Note: Where used in this Handbook, the phrases “irregular behavior” or “improper behavior” refer to (1) provision of false or incomplete information to the NBCRNA in relation to the credentialing process; (2) violation of any of the rules or regulations governing any NBCRNA examination or assessment; or (3) engaging in any activity which is grounds for disciplinary action as described in the NBCRNA Policies and Procedures for Discipline, Administrative Action and Appeals.

This publication contains information about NBCRNA's Self-Evaluation Examination (SEE). Candidates are responsible for knowing the contents of this handbook as well as any additional applicable NBCRNA policies (e.g., please see NBCRNA's General Information and Policies Handbook).

All correspondence and requests for information should be sent to the NBCRNA at support@nbcrna.com. The NBCRNA does not discriminate on the basis of age, sex, race, religion, national origin, ethnicity, disability, marital status, sexual orientation, and gender identity.

NBCRNA primary certification and continued certification programs are accredited by the following organizations:



NBCRNA OVERVIEW

The National Board of Certification and Recertification for Nurse Anesthetists (NBCRNA) is a not-for-profit corporation organized under the laws of the state of Illinois. NBCRNA credentialing provides assurances to the public that certified individuals have met objective, predetermined qualifications for providing nurse anesthesia services. A nurse anesthetist who is certified by the NBCRNA is expected to: respect basic human rights and the dignity of all patients; protect the patient from harm; advocate for the patient's welfare and collaborate with other members of the health professions; be responsible and accountable for their actions; maintain confidentiality of patient information, except when disclosure is required by law; and maintain the knowledge and skill necessary for competent nurse anesthesia practice.

While state licensure provides the legal credential for the practice of professional nursing, private voluntary certification indicates compliance with the professional standards for practice in this clinical nursing specialty.

The certification credential for nurse anesthetists has been institutionalized in many position descriptions as a practice requirement or as the standard for demonstrating equivalency. It has been recognized in state nurse practice acts and state rules and regulations.

The primary purpose of the NBCRNA is to seek to ensure that nurse anesthetists have the necessary knowledge and skills to practice safely and effectively. In so doing, it also protects the value of the CRNA credential. The NBCRNA has designed objective criteria intended to determine whether an individual holding the NBCRNA-issued CRNA credential is properly licensed, has attested to engagement in the practice of nurse anesthesia; has participated in continuing education and other activities sufficient to indicate an effort to keep current with advances, and is free of any mental, physical, or other problems that may interfere with the practice of nurse anesthesia. Whenever program eligibility criteria are developed and/or revised, the NBCRNA engages multiple stakeholders to ensure appropriate consideration has been given as to the impact of NBCRNA decisions.

NCCA defines competence as “the ability to perform a task, function, or role at a level that meets or exceeds prescribed standards in the work environment” (NCCA, 2016) and continuing competence as demonstrating “specified levels of knowledge, skills, or ability throughout an individual’s professional career” (NCCA, 2016). These concepts serve as the foundation underpinning the NBCRNA certification and continued certification programs.

Vision

The vision of the NBCRNA is to be recognized as the leader in advanced practice nurse credentialing.

Mission

The mission of the NBCRNA is to promote patient safety through credentialing programs that support lifelong learning.

History

The primary certification program for nurse anesthetists was introduced by the American Association of Nurse Anesthetists (AANA) in 1945. It was initially administered by the Credentials Committee of the AANA. In 1975, the AANA approved the establishment of councils for the accreditation and certification processes, and the Council on Certification of Nurse Anesthetists (CCNA) assumed the responsibility for the National Certification Examination (NCE). By this action, the profession recognized that credentialing mechanisms, which include examination and certification, function to protect and benefit the public.

Realizing that evidence of continued professional excellence was becoming increasingly important in our society, the AANA Board of Directors in 1968 directed the AANA Education Committee to study the issue of recertification. At the AANA Annual Meeting in 1969, a bylaw was adopted to establish an optional program to provide certificates to members who had demonstrated they had completed clinical and didactic experiences reflective of the changes in nurse anesthesia practice within a five-year period.

Recognizing that continuing education provides one means to assess current educational and knowledge levels of practitioners, a mandatory continuing education program was adopted by the AANA membership at the 1976 Annual Meeting, with full implementation effective August 1, 1978.

In September 1978, the AANA membership adopted the bylaw revisions providing for an organizational restructuring of the Association and establishing a Council on Recertification of Nurse Anesthetists (COR). Bylaw provisions granting the COR autonomy were adopted in 1983. In 2007, the CCNA and the COR became independent of the AANA, and together they incorporated as the National Board of Certification and Recertification for Nurse Anesthetists (NBCRNA).

With its continued mission to promote patient safety, the NBCRNA implemented the Nonsurgical Pain Management subspecialty certification in 2015 and the Continued Professional Certification (CPC) Program in 2016. In 2023 the NBCRNA Board of Directors modified the continuing certification program to incorporate longitudinal assessment, making the NBCRNA the first nursing certification program to do so. In 2024, the NBCRNA launched the Maintaining Anesthesia Certification (MAC) Program, which incorporated longitudinal assessment.

Purpose

The purpose of the NBCRNA includes, but is not limited to, seeking to ensure that nurse anesthetists have the necessary knowledge and skills to practice safely and effectively. In so doing, it also protects the value of the CRNA credential. The NBCRNA is responsible for:

- Formulating, adopting and confirming compliance of initial and subspecialty certification eligibility requirements for nurse anesthetists.
- Formulating, adopting and confirming compliance of Maintaining Anesthesia Certification (MAC) eligibility requirements for nurse anesthetists.
- Formulating, adopting and confirming compliance of the requirements for eligibility for admission to NBCRNA- administered examinations or assessments including, but not limited to, the SEE, NCE, NSPM exam, and MAC Check.
- Formulating, adopting and administering NBCRNA-created examinations or assessments to candidates who have met all requirements for examination or assessment and have been found eligible.

No national organization can expect to determine the specific procedures that any individual nurse anesthetist is qualified to perform. Neither can any national organization determine whether an individual nurse anesthetist may have developed an impairment that could interfere with the proper administration of anesthesia. Ultimately, these judgments must be entrusted to the individual nurse anesthetist and to those with whom they work.

Structure

The NBCRNA is managed by a Board of Directors who are recognized as leaders in nurse anesthesia and related fields. The members of the Board are certified registered nurse anesthetists, as well as a board-certified surgeon and anesthesiologist, both of whom have a current working relationship with nurse anesthetists, and a representative of the public at large. Members of the Board are elected to serve staggered three-year terms. Two of the CRNA Board Directors are elected by currently certified CRNAs through an open election following a call for applications.

NCCA Accreditation

The primary certification and continued certification programs of the NBCRNA are accredited through April 30, 2027 by the National Commission for Certifying Agencies (NCCA), a private not-for-profit organization. The NCCA is the accrediting branch of the Institute for Credentialing Excellence (ICE), which is the national standard-setting organization for credentialing groups, including certification boards, licensing boards, and associations. The NBCRNA (and before it, the CCNA and COR) has been continuously accredited by the NCCA since 1980.

NCCA accreditation means that the NBCRNA credentialing programs meet the highest national voluntary standards for private certification. It means that the programs have been reviewed by an impartial commission and deemed to have met the nationally accepted criteria and guidelines of the NCCA.

ABSNC Accreditation

The primary certification and continued certification programs of the NBCRNA are accredited through July 1, 2027 by the Accreditation Board for Specialty Nursing Certification (ABSNC) of the American Board of Nursing Specialties (ABNS). The NBCRNA (and before it, the CCNA and COR) was one of the first national credentialing organizations to be recognized and accredited by the ABSNC.

The ABNS, established in 1991, is the national peer review program for specialty nursing credentialing organizations. ABNS serves as the national umbrella organization for nursing specialty certification boards authorized and recognized to certify nurse specialists in the United States. It promotes the highest quality of specialty nursing practice through the establishment of standards of professional specialty nursing certification.

EXAMINATION INFORMATION

Purpose of the SEE

The NBCRNA Self-Evaluation Examination (SEE) has three objectives: 1) to provide information to students about their progress in the nurse anesthesia educational program; 2) to provide information to program administrators on how well their programs are preparing students with the knowledge they need for anesthesia practice; and 3) to prepare students for the National Certification Examination (NCE) experience. To meet these objectives, the examination has specifications similar to those of the NCE, is administered under secure conditions, and has a reporting system designed to provide maximum feedback to students and program administrators.

Requirements

All students currently enrolled in an accredited nurse anesthesia educational program are eligible to apply for authorization to take the SEE. Once the application is approved, a student will receive an official NBCRNA eligibility notification by email that indicates the eligibility expiration date to take the SEE. A student must take the SEE prior to that date. If a student was enrolled in a nurse anesthesia educational program at the time they were registered to take the SEE and subsequently is dismissed from the program, they are no longer eligible to take the SEE. Students are not allowed to take the SEE after the official completion date of their nurse anesthesia educational program.

Description of the SEE

The SEE is a computerized adaptive test that is intended to help both students and programs identify their respective strengths and weaknesses before students take the NCE. The SEE includes multiple-choice questions and alternative question formats such as multiple correct response, calculations, hotspot, and drag and drop.

The questions are presented one at a time on a computer screen. Each question can be viewed for as long as the student wishes, but they cannot go back to previous questions once an answer has been recorded.

All students must answer a total of 240 questions during the four-hour testing period. This includes 40 random, non-graded pretest questions. The examination will stop when all the questions have been presented or the four-hour time limit is reached.

The four content areas tested on the SEE are 1) Basic Sciences; 2) Equipment, Instrumentation and Technology; 3) General Principles of Anesthesia; and 4) Anesthesia for Surgical Procedures and Special Populations. To ensure reliability of scores each content area is weighted at 25%.

The Self-Evaluation Examination Subcommittee is appointed by the NBCRNA Board of Directors and is composed of a representative group of certified registered nurse anesthetists. The subcommittee writes test questions and reviews all questions before they are used on the examination.

Administration

The NBCRNA assumes responsibility for the examination content outline and test specifications and maintains and approves an item bank of approved test questions for administration. The NBCRNA has contracted with Pearson VUE to provide administration of the examination.

Examination Content Outline

The content outline for the SEE and NCE reflects the curriculum requirements adopted by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA).

The content outline that follows is provided to assist students in preparing for the SEE. It is only a guide that suggests topics and topic areas used to generate and categorize examination questions. It is not all-inclusive, as some elements apply to more than one area. The percentage of questions in each major content area is also noted.

EXAMINATION CONTENT OUTLINE

[2023 Content Outline](#)

[2024 Content Outline](#)

References for Review

The principal anesthesia textbooks used in nurse anesthesia educational programs should provide information related to all the major content areas on the SEE. Research articles and review books are not used as references. Candidates may choose to review the SEE bibliography available on the NBCRNA website at www.nbcna.com.

REGISTRATION INFORMATION

Examination Dates and Application Deadlines

The SEE is offered year-round. A student currently enrolled in a nurse anesthesia educational program may apply to take the SEE. The SEE may be taken after the student's application has been initiated by the program administrator, the application is submitted with payment, and they have received an eligibility notification via email from the NBCRNA.

Fees

The SEE fee is per student per examination. All fees must be paid electronically before the online application created by the program administrator can be processed. Institutional checks, personal checks or money orders will not be processed. The NBCRNA does not directly invoice individuals or institutions for payment of any examination fees.

Application Process

The process for the online SEE application and payment of fees is in the Program Administration section of the Certification page on the NBCRNA website. It is the responsibility of the program administrator to create the SEE registration online for the student; however, the registration cannot be processed by the NBCRNA until all fees have been paid.

Notification of Student Eligibility

After one or more students in the nurse anesthesia educational program have applied and have paid for the examination, the applications are reviewed and processed by the NBCRNA. Notification of eligibility is sent to each student by the NBCRNA via email after the application has been processed. The information in the eligibility notification is used to schedule an appointment to take the SEE with Pearson VUE, via either its website or its Candidate Call Center. Upon receipt of the eligibility notification from the NBCRNA, the student should make sure their first and last names are spelled correctly and match the two forms of acceptable identification for admission to the test center. The student should contact the NBCRNA immediately by email at support@nbcrna.com with any necessary corrections.

Change of Name or Address

The name that was entered on the SEE application is the name that is submitted to Pearson VUE on the eligibility file. When the student appears at the test center, the first and last names as they appear on the original NBCRNA eligibility notification and two pieces of identification (both bearing a signature and one bearing a photo) must all match. Students will not be allowed to take the SEE if their identification does not have the same first and last names as on their eligibility file at the test center.

Name changes are not accepted at the test center. Students who change their names after the eligibility notification has been sent must update their legal name in their NBCRNA portal under the Requests tab prior to their exam appointment. Allow up to four business days for this process.

Reasonable Accommodation for Persons with Documented Disabilities

The NBCRNA complies with the Americans with Disabilities Act (ADA). To ensure equal opportunity for all qualified persons, a candidate with a documented disability may request a reasonable testing accommodation by submitting a written request, along with supporting documentation, to the NBCRNA with their completed online application. Supporting documentation includes the following:

1. A written personal statement identifying the basis of your need for accommodation, the specific accommodation(s) you are requesting, history of past testing accommodations given, and how a documented disability impacts your testing ability.
2. An NBCRNA Testing Accommodations Request Form completed by a qualified healthcare professional referencing an evaluation conducted within the past five years. Qualified healthcare professionals must be licensed or otherwise properly credentialed, possess expertise in the diagnosis of the disability for which the accommodation(s) is sought, and has administered an individualized assessment of the candidate that supports the need for the requested testing accommodations.

The NBCRNA Testing Accommodations Request Form can be downloaded from your application once you have indicated eligibility for ADA accommodations.

Scheduling Information

The eligibility notification contains detailed information about scheduling an appointment with Pearson VUE to take the SEE. This information will include the exam authorization expiration date of the student's eligibility to schedule for the SEE. Appointments cannot be scheduled before the student receives the eligibility notification via email from the NBCRNA or after the expiration date. Scheduling appointments to take the SEE is between the student and Pearson VUE directly. The NBCRNA will not intervene in these arrangements. A confirmation number for the scheduled appointment will be given to the student by Pearson VUE and should be retained until the SEE has been taken. Students should be aware that not all test centers are open seven days a week, operate on the same schedule, or have the same seating capacity. Pearson VUE usually schedules appointments at least two weeks in advance. **No refunds will be made if a student is unable to schedule the exam before their eligibility expiration date.**

Students must take the exam prior to their eligibility expiration date. **No students will be allowed to test after the completion date of their nurse anesthesia educational program.**

Refunds for Cancellations and No-Shows

There are no refunds issued for any of the following reasons: 1) not scheduling the exam; 2) cancelling a scheduled examination less than 24 hours in advance of the date and time of the scheduled appointment; 3) arriving more than 15 minutes after the scheduled starting time for the test; 4) failing to appear for the scheduled test; or 5) not taking the SEE on or before the eligibility expiration date. A new online application must be created by the program administrator and payment of the fee for the SEE must be submitted to the NBCRNA before the student is eligible to reschedule the examination.

The previous application fee cannot be applied to another examination.

If the student experiences an emergency, they must provide the NBCRNA with a written description and documentation for review by email at support@nbcrna.com. Requests must be submitted within 24 hours of the scheduled test date. **NOTE: Recording the wrong date or time for the scheduled appointment or forgetting to bring the required current, valid identification is not considered an emergency.**

EXAMINATION ADMINISTRATION

Admission to the Test Center

Students arriving at the test center will be asked for the following before admission to the test: presentation of two separate forms of current, valid identification (ID), both of which must bear a signature and one of which must bear a photo. The photo ID must be a current government-issued ID such as a passport, driver's license, state ID or military ID; an unexpired school ID or employee ID. Both pieces of ID must have the same first and last names as they appear on the SEE eligibility notification sent via email by the NBCRNA. Students who appear without the specified identification will not be permitted to take the SEE and will be required to reapply and pay the full examination fee in order to receive a new eligibility notification.

Admission Procedures

After the initial verification of identity, the student will be asked to sign a roster, and have their photo taken.

Electronic devices (including but not limited to cell phones, tablets and e-readers), reference books, notes and other study materials may not under any circumstances be brought into the test center. Personal belongings (including bags, watches, and wallets) may not be taken into the testing room. These items must be stored in designated areas. An erasable note board will be available at the test center for use during the examination as scratch paper is not permitted. During registration a Pearson VUE proctor will provide a sealed bag for your cell phone/electronic device. The bag will be stored in a designated area during your exam. In accordance with exam policy the sealed bag must be opened by a Pearson VUE proctor prior to exiting the Pearson Professional Center.

An erasable note board will be available at the test center for use during the examination as scratch paper is not permitted.

Test Center Environment

It is unlikely that a student will be the only person taking an examination in the test room. Individuals taking other examinations may be present. Some examinations may require full use of the computer keyboard, and there may be accompanying keyboard noise. In addition, Pearson VUE personnel and other individuals may leave and enter the test room during the student's test period. At the midpoint of the SEE an optional 10-minute scheduled break will be available.

Test centers will make every effort to keep movement of personnel and noise levels to a minimum during examination administrations. However, if a student believes that noise may be a distraction, he or she should request earplugs at the test center to use during the SEE.

Students with a documented disability shown to require accommodations should refer to the Reasonable Accommodation for Persons with Documented Disabilities section within this handbook.

Taking the Test

At the beginning of the SEE, a Statement of Confidentiality and Nondisclosure Agreement will appear that students must read, acknowledge, and agree to. If the student does not indicate agreement, they will not be allowed to begin the SEE and will have to contact the NBCRNA in writing for reauthorization and pay the \$75 reauthorization fee. The content of the SEE, and each individual SEE question, is the property of the NBCRNA, is copyrighted and is strictly confidential information. The retention, possession, copying, distribution, disclosure, discussion, or receipt of any SEE question, in whole or in part, by written, electronic, oral, or other form of communication, including but not limited to emailing, copying, or printing of electronic files, and reconstruction through memorization and/or dictation, before, during or after the SEE is strictly prohibited.

Students should read the directions for entering responses carefully before beginning the test. There is a tutorial with practice questions. There is a “help” screen that can be referred to at any time during the SEE to refresh the student’s memory as to how to enter responses. At any time before or after the SEE, students may request help regarding the use of the computer. At the midpoint of the SEE an optional 10-minute scheduled break will be available.

Questions are presented one at a time on the computer screen. Each question must be answered as it is presented. The question on the screen must be answered before the candidate can move on to the next screen. Students should consider each answer carefully and make their best choice.

Once a student confirms an answer and goes on to the next question, they are not allowed to go back to any previous questions. Psychometric research has shown that, in general, candidates do not significantly improve their scores by reviewing and changing answers.

Improper Behavior at the Examination

During the SEE, the performance of all students will be monitored. Any student who gives or receives assistance, or otherwise engages in dishonest or improper behavior during the SEE, will be required to cease taking the SEE and leave the test center. The test center personnel will notify the NBCRNA office of any improper behavior during the SEE.

After reviewing a reported incident, the NBCRNA will determine whether there is reason to believe that a student has engaged in cheating or other improper behavior or has otherwise violated the security of the SEE. If the NBCRNA determines that there is a reason to so believe, it may, at its discretion, determine what action should be taken, up to and including denial, suspension or revocation of the candidate’s eligibility to sit for the SEE or NCE in the future.

NBCRNA Staff (or a designee of NBCRNA such as counsel) possesses the authority, but not the obligation, to conduct a reasonable investigation of any nurse anesthetist or examinee who may have engaged in conduct that violates any NBCRNA handbook or policy by implementing any of the following:

- Interviewing witnesses;
- Requesting and reviewing documents and data; and
- Taking any other action that NBCRNA deems appropriate under the circumstances.

Data forensic statistics are utilized to determine testing anomalies, the NBCRNA will take action and if warranted invalidate an exam score if anomalies are identified. If any nurse anesthetist or examinee fails to cooperate with an NBCRNA investigation, the failure to cooperate may subject the individual to the denial, suspension or revocation of certification.

POST EXAMINATION

Improper Behavior After the Examination

The content of the SEE, and each individual SEE question, is the property of the NBCRNA, is copyrighted and is strictly confidential information. The retention, possession, copying, distribution, disclosure, discussion, or receipt of any SEE question, in whole or in part, by written, electronic, oral, or other forms of communication, including but not limited to emailing, copying, or printing of electronic files, and reconstruction through memorization and/or dictation, before, during, or after the SEE is strictly prohibited and may result in disciplinary action, assessment of monetary damages, and legal liability.

Candidates who are aware of improper behavior should report it to NBCRNA's anonymous, third-party tip line at 844- 703-1790 or www.nbcrna.ethicspoint.com.

Sanctions for Improper Behavior

Any student may be disqualified from taking or continuing to sit for an examination, or from receiving examination scores, if the NBCRNA determines, through proctor observation, statistical analysis, or any other means, that they were engaged in collaborative, disruptive, or other irregular behavior before, during the administration of, or following the examination.

The consequences of engaging in irregular behavior may include, but are not limited to, the following:

- Loss of eligibility to take the SEE in the future.
- Invalidation of examination results.
- Assessment of monetary damages.

Any student who engages in such improper behavior also may be subject to legal action for monetary damages.

Problems at the Test Center

Students will have access to a proctor at the test center. As a rule, if a problem occurs with the computer and the student is required to restart their test on the scheduled test day, the test will be resumed at the point of interruption since the questions and answers are saved. However, if the test cannot be resumed on the same day and the student must reschedule their test, a new test will be administered. There will be no charge to the student for rescheduling a test if the problem was caused by circumstances at the Pearson VUE test center.

Problems encountered by the student related to admission or administration of the SEE, including any problems related to conditions at a testing center, must be reported immediately at the test center before leaving, and as soon as possible, but no later than three days after the examination, by email to the NBCRNA office at support@nbcrna.com. Reports to the NBCRNA must include the student's full name and address, as well as a description of the conditions that caused the problem(s) at the test center. After reviewing a report of a problem at a test center, the NBCRNA may, at its discretion, determine whether a new SEE should be administered, or another action should be taken. Reports submitted from a program administrator will be considered only if they are timely and are accompanied by the student's report. The NBCRNA will not consider notice of test administration problems that are received more than three days after the examination date.

Notification of Examination Results

Students: Students will receive their test results at the test center when they check out. The student SEE results report contains the following information: 1) a scaled score for the total test; and 2) a scaled score for all four content areas. Students may obtain the Interpretive Guide with cumulative frequency distributions to determine their percentile rank in each area from the SEE Resources section located on the NBCRNA website.

The only information available to students regarding the SEE is that which is provided on the results report. The NBCRNA does not provide tests for review or a list of the questions answered incorrectly.

Failure to receive the report of test results at the test center should be reported to the NBCRNA by email at support@nbcrna.com.

Program Administrators: Program administrators may obtain a list of all their students' scores through the NBCRNA Student Management portal. The Interpretive Guide contains cumulative frequency distributions for determining percentile ranks in each area and is located in the Program Administration area on the Certification page of the NBCRNA website.

POLICIES AND PROCEDURES FOR DISCIPLINE, ADMINISTRATIVE ACTION AND APPEALS

Pursuant to NBCRNA Policies & Procedures for Discipline, Administrative Action and Appeals (“Policies”), Certified Registered Nurse Anesthetists, examinees, and applicants for Certification. Continued Professional Certification (“CPC”) or Maintaining Anesthesia Certification (“MAC”) (collectively “certification”) are subject to disciplinary or administrative action for engaging in conduct that NBCRNA regards as inconsistent with unrestricted certification. The Policies set forth the conduct that can lead to sanctions, the procedures that will govern, the sanctions that can be imposed, the appeal rights of any individual who is sanctioned, and provisions for reinstatement of certification. The Policies can be accessed on the NBCRNA website, www.NBCRNA.com, or requested from the NBCRNA.