

REGISTRATION CATALOG  
2012 EDITION



# 2012 Subspecialty Examination

# EFM

## Electronic Fetal Monitoring

Computer Testing available year round

Annual Paper & Pencil Testing on 09/21/2012



The National Certification Corporation

## Recognition, Value, Expertise... It is what credentialing is all about!

### ABOUT CERTIFICATION

#### **What makes a credentialed health care provider different?**

Essentially, we believe it is the willingness of the individual to be accountable for his/her knowledge and the willingness to take the risk of undergoing a third party review of their knowledge. Credentialed professionals make a difference to their patients and to their institutions. They are unique professionals that have made the commitment to life long learning, patient advocacy and professional practice.

Credentialing is more than an initial after your name... **You owe it to yourself** to take the next step in your professional development. Earning your EFM credential will validate your expertise and will give you tangible recognition of your commitment to your profession.



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# ELIGIBILITY CRITERIA



# EFM

Certified-Electronic  
Fetal Monitoring

All eligibility  
criteria  
must be  
met at the time  
of application

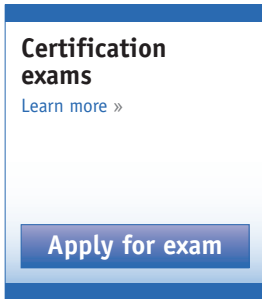
**NCC offers  
both computer  
and paper  
& pencil testing.  
*The choice is yours!***

## **CURRENT LICENSURE**

Current licensure in the U.S. or Canada as a nurse, nurse practitioner, nurse midwife, physician or physician assistant is required. You will need to record your license number, licensing state or province and expiration date.

# COMPUTER TESTING

## HOW TO REGISTER TO TAKE NCC EXAM BY COMPUTER



- STEP **1**

**Are you eligible?**  
Determine your eligibility - see *page 3*
- STEP **2**

**Submitting your application**  
Submit your application online at the NCC website **www.nccwebsite.org**. Applications can only be submitted online. You cannot submit an application by mail, telephone or fax. Payment can be made online by credit card or check and individual or group payments can be made.
- STEP **3**

**What information does the application require?**  
To get prepared to complete the application - see *the application check list on page 19*. It is a handy listing of all the information you will need to supply.
- STEP **4**

**Email confirmation of your registration**  
After you complete and submit your application, you will receive an email confirmation of your registration.
- STEP **5**

**Application approval procedure**  
Your application will be reviewed to determine if you qualify to take the examination. This process can take up to four weeks, depending on the volume of exams received at the time of your submission. Typical review time is two weeks. If your application is incomplete, see *page 13* to learn how you can resubmit your application and what fees will need to be paid.
- STEP **6**

**Notification of eligibility to take the exam**  
Once your application is approved, you will be notified of your eligibility with instructions on how to set up your testing appointment by mail. These letters go out only twice a month on the 15th and the last day of the month.  
You will receive an email notice alerting you when the eligibility letters are mailed.  
You will be assigned a 90 day testing window starting at either the 5th or the 20th of the month.

# COMPUTER TESTING

## FEES

**\$185** OR **\$150** *for those who already hold a NCC credential*

which is composed of a **\$50** non-refundable application fee and the testing fee



## HOW TO SET UP YOUR COMPUTER TEST APPOINTMENT

### Once you receive your eligibility letter

- Applied Measurement Professional, Inc. (AMP) is NCC's testing vendor for computer testing. To see where sites are located, go to **www.goamp.com** and select "Candidates" on the home page – you can view this information at any time; you don't have to be registered to see where sites are located. See a list of test site centers on *page 20*.
- Your eligibility letter will list the telephone number and website where you can set up your appointment. You will be responsible for making an appointment to take the test with NCC test vendor AMP by phone or the AMP website. You cannot set up an appointment until you receive your eligibility letter. You will also be directed to download and print a Candidate Guide from the NCC website. The Guide details the testing process, includes test outlines & competency statements and lists all NCC policies and procedures. The Candidate Guide is accessible from the NCC website at any time. You don't have to be an approved candidate to obtain a Candidate Guide.
- You should schedule your appointment as soon as possible after receiving your eligibility letter. If there is no space at your preferred site and you waited beyond the first month of your testing window, you will have to extend your window for a fee or select another site.
- Appointments are available at 9am and 1:30 pm Monday-Saturday.
- You can reschedule once at no charge by contacting AMP and this reschedule must occur within your testing window; otherwise you will have to extend your window and pay the extension fee.
- If you cannot take the test within the 90 days - see extension policy - see *page 14*.
- If you fail to appear at your appointment, you can defer - see *deferral policy page 14*.
- If you change your mind and don't want to take the exam, you can withdraw - see *page 13*.
- If you want to change the exam you want to take, you can submit a change exam category request - see *page 15*.

# COMPUTER TESTING

## EXAMINATION DAY PROCEDURES



- You must arrive by your appointment time. If you are more than 15 minutes late, you will not be admitted.
- You will be required to show two forms of ID for admittance to the test center. One must be a photo ID.
- It is encouraged that you NOT bring any materials or personal items with you. There are no secure facilities for storing personal items.
- Your picture will be taken and will remain on the computer screen during the time you are taking the test.
- You will be given the opportunity to have a practice session prior to the actual test administration. This does not count against your testing time.
- 2 hours are allotted for testing. There are no scheduled breaks.
- Candidates can leave once they have completed the test. You need not wait until the testing time period has expired.
- You will be given preliminary pass/fail results at the test site.
- Confirmed test results will be mailed from NCC within 21 business days of the test date. **You are not officially credentialed until you receive written notification from NCC.**



# ANNUAL PAPER & PENCIL TESTING

**Paper & Pencil Test Date:**  
**Friday, September 21, 2012**



**Application Deadline  
Submission Date:**  
**Monday, July 9, 2012**

## Other Deadline Dates:

- Date incomplete applications must be resubmitted: **Monday, July 30, 2012**
- Date Exam Category changes must be made: **Monday, July 30, 2012**
- Date in which carryover requests must be made: **Friday, November 9, 2012**

Test sites are established by request. All test sites have to meet a minimum threshold of 6 applicants to be approved as a test site.

## HOW TO REGISTER TO TAKE THE PAPER AND PENCIL NCC EXAM

**STEP 1** **Are you eligible?**  
Determine your eligibility - see page 3.

**STEP 2** **Submitting your application**  
Submit your application online at the NCC website **www.nccwebsite.org**  
Applications can only be submitted online. You cannot submit an application by mail, telephone or fax. Payment can be made online by credit card or check and individual or group payments can be made.

**STEP 3** **What information does the application require?**  
To get prepared to complete the application - see *the application check list on page 19*. It is a handy listing of all the information you will need to supply.

**YOU MUST HAVE THE TEST SITE CODE TO REGISTER.** This code should be obtained from your test coordinator. Paper and pencil test sites are only set up by request and you must be associated with a preapproved site to register. Individuals on their own **CANNOT** register for the paper/pencil testing on NCC's annual testing date.

Certification  
exams

Learn more »

Apply for exam

# ANNUAL PAPER & PENCIL TESTING

## HOW TO REGISTER TO TAKE THE PAPER AND PENCIL NCC EXAM



STEP  
**4**

### Email confirmation of your registration

After you complete and submit your application, you will receive an email confirmation of your registration.

STEP  
**5**

### Application approval procedure

Your application will be reviewed to determine if you qualify to take the examination. This process can take up to four weeks, depending on the volume of exams received at the time of your submission. Typical review time is two weeks.

If your application is incomplete, see *page 13* to learn how you can resubmit your application and what fees will need to be paid. Any incomplete application must be rectified by **Monday, July 30, 2011** or you will be determined ineligible and will be unable to take the test.

STEP  
**6**

### Notification of eligibility to take the exam

Once your application is approved, you will be notified of your eligibility by mail. You should receive this letter within two weeks after your application is approved. Note it can take up to four weeks to approve an application.

STEP  
**7**

### Admission ticket

Approximately two weeks prior to the test administration date of **September 21, 2012**, you will receive an admission ticket that will recap reporting time and the address of your test site.

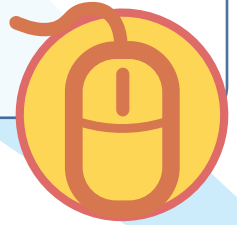
- If you cannot take the test on **September 21, 2012**, you can carryover your application - see *page 14*.
- If you fail to appear to take the exam on **September 21, 2012** - see *carryover policy on page 14*.
- If you change your mind and don't want to take the exam, you can withdraw - see *page 13*.
- If you want to change the exam you want to take, you can submit a change exam category request - see *page 15*.
- If you want to change test site to another, you need to get permission from the new site and you can submit a transfer request - see *page 15*.
- If you want to change from computer testing to paper and pencil testing, you must get permission from the new test site and submit a transfer request - see *page 15*.
- What if your test site doesn't meet the 6 person minimum? - see *policy on page 10*.

It can take  
up to **four weeks**  
to approve an  
application.

# ANNUAL PAPER & PENCIL TESTING FEES

**\$135** OR **\$100** *for those who already hold a NCC credential*

which is composed of a **\$50** non-refundable application fee and the testing fee



## EXAMINATION DAY PROCEDURES

Test administration will begin at 9 am local time on

**Friday, September 21, 2012**

- Bring your admission ticket with you to the test site. If you lose your ticket, report to the test site but make sure you have a picture ID. You will be asked to sign an affidavit for admission.
- Candidates must report to the test site by 8:30 am local time to allow for check-in procedures.
- All candidates will be required to show photo ID for admittance.
- 2 hours are allotted for testing. There are no scheduled breaks.
- Candidates can leave once they have completed the test. You need not wait until the testing time period has expired.
- Examination results are mailed within six (6) weeks of test administration.

# HOW TO SET UP A TEST SITE FOR ANNUAL PAPER AND PENCIL TESTING ON **SEPTEMBER 21, 2012**



- Request Deadline Date for being a Test Site: **Monday, May 14, 2012**
- Date test site will be notified that they are approved: **Monday, August 6, 2012**

The criteria to establish a test site are listed below.

- All test site requests must be approved by NCC and will be confirmed by written agreement.
- A minimum of six (6) persons is required to establish a site.
- Any NCC examination counts toward meeting the 6 person minimum including core or subspecialty examinations.
- Test sites must provide a testing facility at no charge to NCC. (Site must accommodate seating for each test taker every other seat).
- Test sites must provide proctors at no charge to NCC, with a minimum of two proctors per site. Additional proctors may be needed based on the number of individuals taking the test. All proctors must be present throughout the testing session.
- Individuals must have their "Test Site Code" in order to submit their application. All applications must be submitted individually online with fee payment no later than the filing deadline date of Monday, **July 9, 2012**.
- The examinee threshold for any paper and pencil test site is six (6). If less than 6 applications are submitted by **July 9, 2012**, they will be returned and approval as a test site will be withdrawn. All applicants will notified by August 6, 2012 and will be refunded their examination registration fee, less the non-refundable \$50 application fee. Or they will be offered a carryover to computer testing for an additional fee of \$50.
- Test coordinators will receive an email notice whenever an applicant signs up to take the test online at their site. In this way, coordinators can easily monitor whether they are meeting the required number to become an official site.
- Incomplete applications will be returned to the applicant and will be subject to the nonrefundable \$25 re-processing fee.
- If a site fails to administer the exam for any reason, those scheduled to take the exam and who wish to take the exam will be required to carryover to computer and to pay \$125 carryover fee in order to take the exam.

You can submit the Test Site Request information online at the NCC website or, send form to:

Betty Sobala  
NCC  
142 E. Ontario  
#1700 Chicago, IL  
60611

Email:  
bsobala@nccnet.org

Or fax to:  
312-951-9475

## TEST SITE REQUEST FORM

Name of Test Coordinator \_\_\_\_\_

Title \_\_\_\_\_

Institution \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Email \_\_\_\_\_

Telephone (include A/C) \_\_\_\_\_

Number of Expected Test Takers \_\_\_\_\_

# FEES

All fees are non-refundable

## Group Fee Payments

Starting in 2012, NCC will accept group payments for certification exams from institutions. Details are on the NCC website.



### Examination Fees

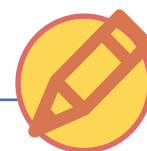
- All applications are subject to a nonrefundable application fee
- All fees are nonrefundable except where otherwise noted
- Payments can be made by credit card (Visa, American Express and MasterCard only)
- Payments can be made by check: bank routing number and account number required
- For payments made by third parties, any refund reimbursement will be issued to the third party and not the applicants
- All payments must be in US funds
- NCC does not accept debit cards or split payments (1/2 check and 1/2 credit card)
- Exam fees can be submitted only online at the NCC website. Applications will not be accepted by mail, phone or fax.
- All refunds for paper and pencil testing will be issued after the test administration date.



**\$185 or  
\$150** *for those who already hold a NCC credential.*

#### TOTAL COMPUTER EXAM FEES

The above fee includes the non-refundable \$50 application fee.



**\$135 or  
\$100** *for those who already hold a NCC credential.*

#### ANNUAL PAPER/PENCIL EXAM FEES

The above fee includes the non-refundable \$50 application fee.

### Other Payment Related Fees

Returned Checks



A \$25 fee will be assessed for any check or e-check returned for any reason. Remittance thereafter of all fees must be in the form of a money order or certified cashier's check.

Credit Card Chargeback



A \$25 fee will be assessed if a credit card payment is disputed for any reason. Remittance thereafter of all fees must be in the form of a money order or certified cashier's check.

Credit Card Declines



A \$25 fee will be assessed if a credit card is declined as the application will be deemed incomplete. In the event of a decline, NCC resubmits the information by a different person to insure the problem is not an entry error. NCC will not waive this \$25 fee for any reason. The applicant will receive the credit card decline whether payment was by the individual or by a third party.

**\$25**

#### INCOMPLETE APPLICATION FEE

All incomplete applications are subject to a \$25 incomplete application fee (not refundable)

**\$50**

#### INELIGIBLE FEE

Any applicant determined ineligible (for any reason) will be assessed the \$50 nonrefundable application fee. The examination fee will be refunded.

## FEES

All fees are  
non-refundable

Paper/Pencil Testing refers to the  
Annual Paper and Pencil Testing  
on 09/21/2012

### Refunds

#### Ineligible Computer Applicants

Receive a \$135 refund or a \$100 refund if NCC credentialed, on their examination fees

#### Ineligible Paper/Pencil Applicants

Receive a \$85 refund or a \$50 refund if NCC credentialed, on their examination fees

### No refunds

will be issued for the following circumstances:

- Any candidate that is not successful in achieving certification
- For candidates who failed to take the exam via computer within their 90 day testing window and did not request an extension or deferral within stated time frames
- For candidates who failed to take the paper/pencil examination at the stated time and do not request a carryover within stated deadline

### Other Exam Related Fees

Computer Testing Extension Fee



An individual can extend their computer testing window for another 90 days for \$100 - see *Extension Policy* for details on page 14.

Computer Testing Deferral Fee



If a test appointment has been missed or the testing window has expired for less than 30 days, an individual can defer their computer testing for another 90 days for \$125 - see *Deferral policy* for details on page 14.

Paper/Pencil Testing Carryover Fee



An individual can carryover a portion of their paper/pencil to computer testing for \$125 - see *page 14* for details.

Paper/Pencil Testing Transfer Fee



A paper/pencil applicant can change to different paper/pencil test site for \$50 - see *page 15* for details.

Computer Testing Transfer Fee



A computer test applicant can change to a paper and pencil testing for \$50 - see *page 15* for details.

Withdrawal Fees Computer Testing



An individual who withdraws from computer testing will receive \$80 of their payment - see *page 13* for details.

Withdrawal Fees Paper/Pencil Testing



An individual who withdraws from paper/pencil testing will receive \$50 of their payment - see *page 13*.

Change Exam Category Fee



A \$30 fee will be charged for those applicants who want to change the examination they wish to take

Retest Fees



Retest candidates must pay full application and examination fees. There are no discounts and they must wait at least 90 days before resubmitting an application for testing.

Substitution Fees



Candidate substitutions are not allowed for ineligible, carryover, withdrawal, extension or deferral candidates

# ADMINISTRATIVE POLICIES

## Withdrawal Policy - Computer Testing

- Only the applicant/candidate can withdraw from the examination process. Withdrawing candidates will receive a refund of \$80.
- All withdrawal requests must be made in writing, signed and dated and sent to NCC provided that:
  - > the candidate has not made an appointment to take the exam at an AMP center or
  - > if the candidate has made an appointment with AMP, it must be cancelled no later than four business days prior to the scheduled testing date.
- This request must be postmarked no later than one month prior to the end of the candidate's 90 day test window. For example, if the test window concludes on **September 20, 2012**, the last day for withdrawal requests to be accepted would be **August 20, 2012**.
- No refund will be considered after the candidate has taken either a computer or paper/pencil test or after the exam withdrawal date.

All policies and procedures are subject to change without notice

## Withdrawing Candidates - Paper/Pencil Testing

- Only the applicant/candidate can withdraw from the examination process.
- Withdrawing candidates will receive a refund of \$50.
- All withdrawal requests must be made in writing, signed and dated. For annual paper and pencil testing, this request must be postmarked no later than **Friday, August 17, 2012**.

## Incomplete Application Processing

Incomplete applications are defined as:

- missing or incomplete information
- incorrect information
- inadequate fees (*Returned Checks, Credit Card Declines or Credit Card Charge Backs*)
- any reason resulting in an inability to determine candidate eligibility status

Incomplete applications will be returned with instructions and the candidate will need to resubmit with an additional nonrefundable \$25 reprocessing fee. Upon resubmission, applications that do not include this fee or do not adequately address the identified deficiencies will be declared ineligible. All filing deadlines will apply. For the September 21, 2012 annual paper & pencil test, applicants will have until **Monday, July 30, 2012** to respond to an incomplete notice. If their issues are not resolved by that date, applicants will be determined ineligible. Applications that are determined ineligible will be subject to the non-refundable \$50 application fee in addition to the non-refundable \$25 reprocessing fee

# ADMINISTRATIVE POLICIES

## Computer Testing Extension

Any candidate can be granted one (1) extension for the next available 90 day window after the extension request is received (not following the last day of the original testing window) and approved provided that the:

- request is made in writing with a nonrefundable extension fee of \$100 and postmarked before the final day of the assigned testing window.
- candidate's window of testing time has not expired.
- candidate has not made an appointment with AMP to take the examination or if an appointment has been made, it was cancelled no later than four business days prior to the scheduled testing.

Candidates who are approved to extend their 90 day window will not be allowed to withdraw subsequently or to request a deferral from the examination process.

## Computer Testing Deferral

Candidates who are unable to participate in the examination for which they are scheduled but it is beyond the time frame for rescheduling or cancellation of the appointment may request an additional 90 day window of time to take the examination.

This deferral is available on a one time only basis and must be approved by NCC.

Candidates who had requested extensions cannot withdraw and are not eligible for a deferral. Deferral candidates must submit a new application and any appropriate documentation and an additional nonrefundable \$125 fee. Candidates who request a deferral are not eligible for any refund. **Deferral requests must be received no later than 30 days from the last day of the original 90 day window.**

## Paper/Pencil Testing Carryover

Carryover option: Candidates who fail to appear to take the test on the scheduled test date or request a change to computer testing prior to the scheduled paper/ pencil test date can carryover to take the computer test with an additional payment of \$125. This request must be received no later than a postmark date of November 9, 2012 for those who failed to appear to take test as scheduled. Candidates will be assigned to the next available 90 day computer testing window after determination of their eligibility.

Carryover to subsequent paper/pencil tests are no longer available because NCC is providing paper/pencil testing by request only.

## THIS IS A ONE TIME ONLY OPTION.

Paper & pencil carryover candidates cannot withdraw, extend or defer their computer test fees.

All policies and procedures are subject to change without notice

# ADMINISTRATIVE POLICIES

## Annual Paper/Pencil Testing Transfer Change of Paper/Pencil Test Site

An annual paper/pencil applicant can change to another paper/pencil test site for \$50 provided that:

- The applicant obtains permission from the test site to test at their facility (NCC will not assist in matching applicants to available test sites) and
- The request is received no later than **July 30, 2012** and includes the test side code

## Computer Testing Transfer Change Computer Testing to Annual Paper/Pencil Testing

A computer applicant who applied for computer testing in June/July 2012 can change to a paper/pencil test site for the **September 21, 2012** annual paper and pencil test date for \$50 provided that:

- The applicant obtains permission from the test site to test at their facility (NCC will not assist in matching applicants to available test sites) and
- The request is received no later than **July 30, 2012** and includes the test side code

## Change Exam Category

Requests to change examination category must be submitted no later than **July 30, 2012** for paper and pencil testing. For computer testing, this request must be made before a candidate makes an appointment with AMP to take the test. Eligibility must be re-established and additional documentation may be requested. There is a \$30 fee assessed for this service.

Examinees must take the examination for which they have been determined eligible. No changes will be permitted on examination day. If a candidate knowingly or unknowingly takes an examination other than the one she/he applied for and was found eligible to take, the examination will not be scored. No refund(s) will be allowed. All fee policies will apply if the candidate reapplies for any NCC examination at a later date. This policy applies not only to the exam taken but also to the mode of administration as well. Switching between computer and any paper & pencil exam modes is NOT allowed without express written approval from NCC.

All policies and procedures are subject to change without notice

# ADMINISTRATIVE POLICIES

## Retest Policy

Retest candidates must submit a new application, meet the then current eligibility criteria and pay all applicable fees. NCC does not limit the number of times a candidate can retake an NCC examination; however, the maximum number of times a candidate can take an NCC exam in any given calendar year is two. Retest candidates will be assigned a different form of the examination. **All retest candidates must wait at least 90 days from original testing date before they can submit a new application to retest.**

## This 90 day time period...

- Affects annual paper/pencil examinees who wish to retest by computer.
- Computer examinees who wish to retest by computer or by paper/pencil testing.
- Institutional Certification Plan (ICP) paper/pencil examinees who wish to retest to another ICP test administration, annual paper/pencil test administration or computer testing. If there is not a 90 day interval from the time a computer or ICP examinee originally takes the exam and the next available paper/pencil test administration, this option will not be available to the candidate. Application submission deadlines for paper/pencil testing must also be adhered to and will not be altered for computer retest candidates.
- If a retest application is submitted prior to the 90 day wait period, the application will be returned as ineligible. The applicant will be subject to the \$50 nonrefundable application fee.

**All policies and procedures are subject to change without notice**

## Auditing Applications

All applications are subject to audit and individual applicants may have to provide corroborating documentation of practice time on demand or supervisors may be individually contacted for verification. By submitting an application, the applicant agrees to be subject to these rules.

# GENERAL POLICIES

## How Exams are Scored

**NCC examinations are criterion referenced.** This means the passing score is based on predetermined criteria. The passing score is established by the NCC Board of Directors.

**NCC utilizes the item** response theory of psychometrics for the analysis of its examinations. Item Response Theory (Rasch analysis) is the study of tests and item scores based on assumptions concerning the mathematical relationship between abilities and item responses. Each test item has a difficulty and ability level. The higher the difficulty of an item, the greater the ability score one achieves. Pass/ fail is determined based on the number of questions answered correctly. As a question is answered correctly, the ability score is increased and it decreases when a question is answered incorrectly. The difficulty of the examination determines the actual number of questions that must be answered correctly in order to achieve the passing ability level.

**Because more than one** form of the examination is given, a process called equating is used. This procedure converts all results to a common scale. Someone who takes a slightly more difficult form of the examination will need to answer fewer questions correctly than someone who takes a slightly easier form of the examination.

**Test result reports** will identify pass/fail status and give feedback on the various content areas of the exam in the form of word descriptors: very weak, weak, average, strong, very strong. Pass/fail rates for previous NCC exams can be viewed on the NCC website, [www.nccwebsite.org](http://www.nccwebsite.org).

## How to Study

**NCC does not provide review courses** or study materials for the examination. NCC views the examinations as an evaluative process. Eligibility criteria have been established to identify minimum levels of preparation for the examinations. NCC believes your practice experience is your best preparation. Candidates will receive detailed test outlines and suggested resources upon being determined eligible to take the examination.

## ADA and Related Policies

It is the policy of NCC that no individual shall be excluded from the opportunity to participate in the NCC examination program on the basis of race, national origin, religion, sex, age or disability.

Any requests for special testing accommodations pursuant to the Americans with Disabilities Act must be made in writing and submitted with the application and documentation forms. The special request form can be requested by writing to NCC or downloaded from the NCC website. Upon receipt of such requests for special accommodations, NCC will contact the applicant. Such requests must be signed by a clinician, physician, or other qualified specialist with training and experience appropriate to diagnose and treat the specified disability.

All policies and procedures are subject to change without notice

## CCPR CENTER FOR CERTIFICATION PREPARATION AND REVIEW

This organization offers practice examinations and other review/ study materials that correspond to the NCC examination specialties.

[www.ccprwebsite.org](http://www.ccprwebsite.org)

# GENERAL POLICIES

## Appeals Procedure

Any request to waive any policy of the NCC Board of Directors relative to eligibility, administration, examination content issues, or certification maintenance must be received in writing within 60 days of the dispute. The correspondence should contain a detailed account as to why the NCC policy should be waived or the candidate's status should be changed. Such requests are referred to the NCC Policy Review Committee of the Board of Directors. All decisions will be provided in writing. Cases not resolved by the Policy Review Committee will be referred to the full Board of Directors.

## Maintaining Your Certificate of Added Qualification

The NCC Maintenance Program requires credentialed professionals to maintain their certificate of added qualification on a three year basis. The purpose of the maintenance program is to assess the ongoing core certification knowledge competencies of the C-EFM.

Those maintaining a certificate of added qualification must either successfully retest or earn continuing education in the specialty area. Each credentialed professional is required to complete a maintenance application and pay a maintenance fee in addition to documentation of the appropriate continuing education activities. Individuals who allow their certificate of added qualification to lapse can regain their status only through re-examination. If that occurs, the then current examination eligibility criteria will need to be met.

All policies and procedures are subject to change without notice

Maintain your certification  
[Learn more »](#)

[Submit application](#)



For further details, visit the NCC website [www.nccwebsite.org](http://www.nccwebsite.org) and download the maintenance catalog for a full description of the maintenance process. Click on **Maintain your Certification** on the home page.

## Verification of Your Credential

If you require a third party verification of your newly held certification, you must process your request through the NCC website. Click on **Request a Verification** on the home page. **You cannot request a verification until you have received your official results from NCC in writing.** NCC cannot verify your certification until after you have achieved it.

There is a \$30 charge for each request. Verifications are sent instantaneously via email to your designated party. Verifications include original date of certification, maintenance due date, certification specialty and NCC President's signature and the NCC corporate seal. You will need an email address to use the process. Where available, NCC has listed on the website email addresses of the state boards of nursing who have provided them.

- » [Request a verification](#)
- » [Download exam catalogs](#)
- » [Download maintenance catalogs](#)
- » [See the latest NCC news](#)

# APPLICATION CHECK LIST

Before you file your application look over the below check list and gather the information needed for your application.

**PERSONAL INFORMATION:**

complete contact information including, address, phone and email

**ELIGIBILITY:**

You have read the eligibility requirements and are eligible to take this exam.

**LICENSURE:**

current license number, licensing state or province and expiration date

**APPLICATION AGREEMENT:** You must demonstrate your agreement to abide by NCC policies through a check off box procedure. By checking the designated box, this is deemed as equivalent to providing you signature. Applications cannot be submitted without the below agreement being stipulated.

*I have read the policies on this website and in the registration catalog and understand that I will be subject to them. To the best of my knowledge, I certify that all information contained in this application is complete and correct. I understand and agree that any knowingly false information provided by me or others may result in denial or revocation of my certification. I understand that my application may be subject to audit for verification of the information provided and I authorize NCC to make contact with individuals listed for this purpose.*



Sites are subject to change. Go to the AMP Website [www.GoAMP.com](http://www.GoAMP.com) for the most current listing.

2012  
EFM  
SUBSPECIALTY  
EXAMINATION  
REGISTRATION  
CATALOG

# COMPUTER TEST CENTERS

AMP test centers are located in selected H & R Block Centers and the test center cities are listed below:

## ALABAMA

Athens  
Birmingham  
(Lakeshore Pkwy)  
Birmingham  
(Crestwood Blvd)  
Huntsville  
Mobile  
Montgomery

## ALASKA

Anchorage

## ARKANSAS

Fayetteville  
Little Rock

## ARIZONA

Phoenix (Glendale)  
Phoenix (Mesa)  
Tucson

## CALIFORNIA

Bakersfield  
Chino Fresno  
Irvine Long Beach  
Los Angeles (Glendale)  
Los Angeles (Stanton)  
Modesto  
Monrovia  
Palm Springs  
Sacramento  
San Diego (La Mesa)  
San Francisco  
San Jose  
Santa Maria  
Upland

## COLORADO

Denver (Aurora)  
Grand Junction

## CONNECTICUT

Southington (Hartford)  
West Haven

## DC

Washington

## DELAWARE

Wilmington

## FLORIDA

Fort Lauderdale  
Jacksonville  
Lakeland  
Miami  
Ocala

Orlando (Casselberry)  
Sarasota  
Tallahassee  
West Palm Beach

## GEORGIA

Atlanta (Decatur)  
Atlanta (Lilburn)  
Atlanta (Roswell)  
Macon  
Savannah

## HAWAII

Honolulu

## IDAHO

Boise

## ILLINOIS

Buffalo Grove  
Carbondale  
Chicago (LaSalle St)  
Chicago (Washington St)  
Franklin Park  
Glen Ellyn  
Libertyville  
Matteson  
Naperville  
Rockford  
Springfield  
Urbana

## INDIANA

Evansville  
Fort Wayne  
Indianapolis  
Mishawaka

## IOWA

Davenport  
Des Moines

## KANSAS

Kansas City  
Wichita

## KENTUCKY

Lexington  
Louisville

## LOUISIANA

Baton Rouge  
New Orleans (Metairie)  
Shreveport

## MASSACHUSETTS

Boston (Saugus)  
Framingham  
Holyoke

## MARYLAND

Baltimore (Glen Burnie)  
Randalltown

## MAINE

Portland

## MICHIGAN

Detroit  
Flint  
Grand Rapids  
(Wyoming)

## MINNESOTA

Duluth  
Minneapolis (Blaine)  
Rochester

## MISSOURI

Jefferson City  
Kansas City (Gladstone)  
Springfield  
St. Louis

## MISSISSIPPI

Jackson (Ridgeland)

## MONTANA

Billings  
Great Falls  
Missoula

## NORTH CAROLINA

Charlotte  
Raleigh

## NORTH DAKOTA

Bismarck  
Fargo

## NEBRASKA

Lincoln  
North Platte  
Omaha (Bellevue)  
Scottsbluff

## NEW HAMPSHIRE

Concord  
Manchester  
Nashua  
Portsmouth

## NEW JERSEY

Trenton (Robbinsville)  
Wayne

## NEW MEXICO

Albuquerque

## NEVADA

Las Vegas (Henderson)  
Reno

## NEW YORK

Albany  
Buffalo  
Long Island  
New York City  
Queens (Astoria)  
Rochester  
Selden  
Utica (Whitesboro)  
White Plains

## OHIO

Cincinnati  
Cleveland (Brook Park)  
Columbus  
Toledo

## OKLAHOMA

Oklahoma City  
Tulsa

## OREGON

Eugene  
Klamath Falls  
Medford  
Portland  
Salem

## PENNSYLVANIA

Harrisburg  
Philadelphia  
Pittsburgh  
Wyoming

## RHODE ISLAND

Providence (Warwick)

## SOUTH CAROLINA

Columbia  
Georgetown  
Spartanburg

## SOUTH DAKOTA

Rapid City  
Sioux Falls

## TENNESSEE

Chattanooga  
Johnson City  
Knoxville  
Memphis  
Nashville

## TEXAS

Austin  
Dallas  
El Paso  
Fort Worth  
Houston (Beechnut)  
Houston (Jones Rd.)  
Lubbock  
McAllen  
San Antonio

## UTAH

Salt Lake City

## VIRGINIA

Fredericksburg  
Norfolk  
Richmond  
Roanoke

## VERMONT

Burlington

## WASHINGTON

East Wenatchee  
Everett  
Seattle (Bellevue)  
Seattle  
Spokane  
Tacoma  
Vancouver  
Yakima

## WISCONSIN

Green Bay  
Milwaukee

## WEST VIRGINIA

Charleston

## WYOMING

Casper  
Cheyenne  
Green River

# CONTENT OUTLINES FOR EFM EXAM

## THE ELECTRONIC MONITORING EQUIPMENT (<5%)

- Fetal heart rate monitoring
  - Internal
  - External
- Uterine monitoring
  - External
  - IUPC
- Equipment failure and troubleshooting
- Artifact Detection
- Patient Education

## PHYSIOLOGY (5-10%)

- Uteroplacental
  - Uteroplacental circulation
  - Fetal circulation
  - Fetal heart rate regulation
- Uterine activity
  - Resting tone
  - Contractions
  - Frequency
  - Duration
  - Intensity
- Factors affecting fetal oxygenation
  - Uterine activity
  - Maternal factors
  - Anesthesia
  - Drugs (Therapeutic and Recreational)
  - Placental factors
  - Umbilical blood flow

## PATTERN RECOGNITION, INTERPRETATION AND INTERVENTION (60-70%)

- Baseline heart rate
  - Bradycardia
  - Tachycardia
  - Variability
  - Sinusoidal
- Fetal heart rate patterns
  - Accelerations
  - Decelerations
  - Early
  - Variable
  - Late
  - Prolonged
  - Response to tachysystole\*
- Dysrhythmias and other variant patterns
  - Supraventricular tachycardia
  - Congenital heart block
  - Ectopic beats
- Common complications
  - Preterm labor
  - Hypertension
  - Gestational (PIH)
  - Preeclampsia - eclampsia
  - HELLP syndrome
  - Chronic
  - Postdates pregnancy
  - Diabetes (gestational, Type 1, Type 2)
  - Placental disorders (previa, abruptio)
  - Uterine rupture/scar dehiscence
  - Infections
  - Multiple gestation

\*previously hyperstimulation

## ADJUNCT FETAL SURVEILLANCE METHODS (5-10%)

- Auscultation
- Fetal movement counting
- Nonstress testing
- Contraction stress testing
- Fetal acid base testing
- Biophysical profile
- Fetal acoustic stimulation

## LEGAL ASPECTS OF ELECTRONIC FETAL MONITORING (<5%)

- Documentation/charting
- Standard of Care and EFM Outcomes
- Chain of Command
- Legal Liability Issues

## ABOUT NCC

NCC is a not for profit organization that has certified over 100,000 health care professionals in the women's health, obstetric and neonatal nursing specialty areas. Established in 1975, NCC sponsors certification examinations and subspecialty exams for competency validation.



### NCC'S PHILOSOPHY OF CERTIFICATION

Certification is an evaluative process that provides health care professionals in the obstetric, gynecologic, and neonatal nursing specialties the opportunity to demonstrate publicly what they know and to be recognized for the knowledge they possess. As a voluntary process, the NCC certification and subspecialty examinations are designed to test for special knowledge.

The NCC certification credential carries no licensing authority. The ability to practice is regulated by the state boards of nursing and while certification may

be required in some states for advance practice nursing roles, NCC has no regulatory power to require states to recognize certification for this purpose. Practice and educational standards are reflected in the credentialing process but the responsibility for development of such standards rests with the professional nursing specialty organizations and the nursing education community.

NCC encourages individual nurses to seek out information about how certification relates to state licensure

requirements, program accreditation of the educational institutions attended, the educational and practice standards of the national nursing specialty organizations and employment expectations in their community. Contact with state boards of nursing, universities and colleges, professional specialty nursing organizations and individual employers for specific requirements is highly recommended.

**MYTH: Extensive computer knowledge is needed.** If you can press a key on the keyboard or click on a mouse, you have all the requisite skills to take an NCC computer test. A tutorial is provided at the test center to familiarize you with the computer process. The time for the tutorial doesn't count toward your allotted testing time.

**MYTH: You cannot go back to your previous answers or re-review questions.** NCC allows individuals to re-review questions. You can mark questions and re-visit them at any time you wish.

**MYTH: Computer tests are harder.** Computer tests are developed the same way as paper/pencil tests are. The only difference between the two is how they are administered. Pass rates are similar to paper and pencil tests.

## COMPUTER TESTING MYTHS

# ICP program

## **Institutional Certification Plan (ICP)**

In 2004, NCC launched the Institutional Certification Plan program which allowed institutions to sponsor NCC certification and subspecialty exam testing at their own institutions. The program has several options based on the volume of participants and when testing will occur. The ICP program provides institutions flexibility in testing times. If the institution has between 25 and 100 participants, the institution can select the time in which testing will occur. If over 100 participants, the testing time is also on demand and fee discounts are offered. All NCC core and Subspecialty examinations can be used to qualify for the minimum participation.

Under the plan, an institution designates a test coordinator who serves as the main contact person for NCC. The program is operated under a written contract between NCC and the individual hospital or hospital system. Individuals CANNOT participate in the program on their own. There must be a sponsoring institution. For more information about the ICP program, visit the NCC website or email Betty Sobala, ICP coordinator at [bsobala@nccnet.org](mailto:bsobala@nccnet.org).

**Rules for those applicants taking the test under the ICP program which is sponsored by an employer or other organization may be different than what is listed in this catalog. A memo of understanding is signed by the applicant taking an NCC exam under these special circumstances and that outlines specific policies to which each individual applicant is subject.**