



Subject: AWHONN FETAL MONITORING PROGRAM COURSES REVISIONS

We are pleased to share news about the upcoming editions of the Intermediate and Advanced Courses and Intermediate Instructor Workshop. Highlights about the revisions are listed in detail below.

Please note that the Fetal Heart Monitoring Principles and Practices book continues to be the required text for participants' course preparation for the three programs. In keeping with the AWHONN Position Statement Fetal Heart Monitoring, Intermediate and Advanced Courses and the Intermediate Instructor Workshop are not intended for Licensed Practical/Vocational Nurses noted in the intended target audience description for the courses.

I. Clinical Content

Intermediate Fetal Monitoring Course

- **Online content**
 - The required online prerequisite learning content includes the following:
 - Assessment
 - Interpretation
 - Techniques in electronic fetal monitoring
 - Videos on FSE, IUPC, Leopold Maneuvers, and Intermittent Auscultation
 - A brief post-test
- **Instructor led content (1 day in-person)**
 - The instructor led in-person content includes the following:
 - Interpretation
 - Interventions
 - Evaluation and Synthesis
 - Case Study Skill Station
 - Short Practice Tracings Skill Station
 - Hands-on skill stations for IUPC, FSE, and Leopold Maneuvers
- **Overall course information**
 - The objectives are updated.
 - The CNE and CME hours have changed to reflect the updated format.
 - There is a small amount of pharmacology credit available.
 - New lecture content reflects current reference sources.

- o New content includes consideration for the impact of social determinants of health on care.
 - o New patient case studies incorporated into each section to reinforce the learners' application of the lecture information.
 - o New and/or updated EFM tracings that are at least 10 minutes in length.
 - o EFM tracing characteristics reflect the 2008 NICHD definitions to support learning experiences of the participants.
 - o Communication principles are woven throughout the course, including the opportunity to practice SBAR communication between clinicians.
 - o Instructors are to guide participants through interpretation of the tracing characteristics.
 - o The course reference lists have been revised.
- **Knowledge Integration Test**
 - o The updated test and is now online.
 - o The test will remain a required part of the course.
 - o To successfully pass the test, course participants need to score a minimum of 80 %. Course participants may have up to 2 attempts to pass the test successfully.

Advanced Fetal Monitoring Course

- **Lecture content**
 - o The objectives for the course have been revised.
 - o The CNE and CME hours have changed to reflect the updated format.
 - o There is a small amount of pharmacology credit available.
 - o New lecture content reflects current reference sources.
 - o Updated or new patient case studies are woven throughout the course to reinforce the learners' application of the lecture information.
 - o Communication principles and a culture of safety are incorporated throughout the course.
 - o The Complex Case studies offer course participants an opportunity to consider the impact that bias may have on care.
 - o Course participants will have an opportunity to discuss and debrief the Complex Cases to enhance learning and communication principles.
 - o Complex Cases are updated to reflect an advanced clinician approach to fetal monitoring.
 - o While some of the tracings have characteristics that exactly reflect the 2008 NICHD definitions, some characteristics require critical assessments and interpretation in the perspective of the patient's case clinical presentation.
 - o Instructors are to guide participants through interpretation of the tracing characteristics.
 - o The course optional test is updated and remains as an online option for participants who wish to or are required to complete it.
 - o The course reference lists have been revised.

Intermediate Instructor Workshop (formally named Intermediate Instructor Course)

- The required online prerequisite learning content includes the following:
 - Adult learning principles
 - Teaching methods
 - Management of challenging situations
 - Exemplar demonstrating how to present one case study
 - A brief post-test

Instructor led content (4-hour workshop style)

- Content related to teaching the Intermediate Fetal Monitoring Course has been revised to reflect the changes in the Intermediate Fetal Monitoring Course.
- The objectives have been revised.
- The micro-teach exercise remains a part of the course and will include peer feedback.
- A teach back course continues as one of the requirements for successful completion of the Instructor Workshop.
- There is more information about the administrative requirements for Intermediate Course Instructors included in the lecture. Teaching these portions will be enhanced if computer access for demonstration is available during the Instructor Course.

II. Administrative Guidelines

Instructor Resource Manuals

- Will include the course outline with script for the online prerequisite learning.
- The Short Practice Tracings and Case Studies booklets are removed from the tote bag and is included as a presentation with the course lecture files.
- The Instructor Manuals are separated into two sections that will consist of Instructor Educational Materials and the Administrative Guidelines. The Administrative Guidelines are separated from the Instructor Educational Materials to help eliminate redundancy and to facilitate rapid access to the Instructor operational functions.
 - Part I: The Instructor Education Materials will address additional information Instructors need when teaching the courses.
 - Part II: The Administrative Guidelines will focus on the operational functions such as Instructor Responsibilities, Course Registration, Ordering Teaching/Student Materials, What to do After a Course and information for course participants.
 - The Administrative Guidelines will provide detailed instructions with screenshots about maneuvering through the online processes for Instructors and Participants.
 - The Administrative Guidelines will have a Course Participant section that focuses on information for course participants. Instructors may decide to copy this section and distribute to participants to help them

facilitate purchasing materials, completing the online education and test, course feedback and accessing their CNE/CME certificates.

AWHONN FHM Instructor Status

- o National Certification Cooperation (NCC) -Effective May 31, 2023, Instructors teaching the AWHONN Fetal Monitoring Program will be required to be certified by the National Certification Corporation in Inpatient Obstetric Nursing (RNC-OB®) or Electronic Fetal Monitoring (C-EFM®). Instructors will not be able to continue teaching if the certification is not current.

AWHONN FHM Instructor Responsibilities (Intermediate and Intermediate Instructor Workshop)

- o Register the course and receive Course ID number to allow participants 30 days to access the online prerequisite learning before attending the in-person course.
- o Provide participants with the course number and **Instructor ID number** to access the online prerequisite learning.
- o Verification for successfully completing the online prerequisite learning before the student attend the in-person course. Participants will not attend the in-person course if all the online modules are not successfully completed.
- o Instructors have access to the online roster 5 days before the course.
- o Instructors must indicate “pass” in the system after the in-person course for participants to access the online knowledge test, feedback form, and receive CNE/CME certificate.
- o Instructor Trainers must indicate “pass” for the micro teach.
- o No more entering names on the online roster. Participants names will populate to the prerequisite roster upon entry to the online education. If the prerequisite education is successfully completed, participants names will populate to the in-person attendee roster.

Course Participant Portal

- o The online form includes instructions to the participant about accessing the online platform.
- o Participants have access to complete the online learning prerequisite starting 30 days before the in-person course date. Access ends one day before the in-person course.
- o After completing the online education, participants can submit questions to Instructors to discuss and respond during the classroom experience.

III. General Reminders

- **Course Scripts**
 - Scripts are NOT to be read verbatim. The scripts are provided to support the standardized presentation of the AWHONN Fetal Monitoring Courses.
 - Instructors are expected to prepare prior to all courses, becoming familiar with related material from Fetal Heart Monitoring Principles and Practices and with publications listed in the course references. Hospital Health Sciences Librarians can assist Instructors in obtaining publications.
 - Reproduction of materials is prohibited except as expressly directed in the Instructor Resource Manuals. Violations of copyright laws may result in termination of Instructor approval status.
 - Instructor disclosures are required at the onset of all AWHONN courses. Slides and script and information in the applicable Instructor Resource Manual have been provided to support compliance with these requirements.

For more information, please see the attached document on Frequently Asked Questions. We will continue to communicate via emails in the upcoming months regarding information and the status of the revisions. Once we have a release date and pricing, we will communicate that information to you as well. In addition, after the revisions are released, all participants should have the new materials when attending the courses and Instructors are required to teach using the new materials.

In the meantime, if you have questions, please do not hesitate to contact us at fhm@awhonn.org.
Thank you.

Sincerely,
AWHONN FHM Team



FREQUENTLY ASKED QUESTIONS – May 2021

Q: When will the new materials for the Intermediate, Advanced and Intermediate Instructor Courses be released?

A: We anticipate early 2022 for the release of the new materials. The revised materials will include updated course slides and script; new case studies, skills station content; and administrative components. The updated Intermediate and Intermediate Instructor Courses will include some online content. You can continue to hold courses and use the current 6th ed. Intermediate, 5th ed. Advanced, and 2nd ed. Intermediate Instructor course materials through 2021. Once we have a release date of the newly revised materials, we will communicate the date and pricing via email and post the information on the AWHONN website in the Instructor only section.

Q: Will the 2-day Intermediate Course continue to be taught in-person? Are any components online?

A: Online prerequisite education is required prior to attending the one-day **Intermediate Course**. The online learning component will cover an Assessment, Interpretation, Leopold's video, Techniques, FSE/IUPC videos, Auscultation video, and a brief post-test. The one-day instructor-led course consists of didactic content and hands-on skill station modules. The online integration test must be completed within 30 days of the instructor-led course.

The **Intermediate Instructor Workshop** is also a combined online learning and half-day in-classroom, train-the-trainer workshop that focuses on the principles of adult learning, teaching strategies specific to the Intermediate Fetal Monitoring Course and information about the administrative and operational aspects of the course.

Q: What about the Skill Station?

A: The Skill Stations for the one-day instructor led course include hands on skills stations for IUPC, FSE and Leopold Maneuvers. The Case Studies and Short Practice Tracing Reviews will be didactic skill stations that are incorporated into the schedule of the course. This change was made to provide an opportunity for instructor-led collaborative discussion and to minimize any sharing of materials with infection control concerns.

Q: Will there be updated videos to accompany the intermediate course for the skills stations?

A: The Leopold Maneuvers, IUPC and FSE videos are the same. We have added a new Intermittent Auscultation (IA) video to enhance the course participants learning regarding IA. The communication skill station is no longer a part of the instructor-led day as the concepts of communication are woven throughout the course.

Q: Will the didactic/hands on portion of the intermediate change? Therefore, it must be conducted in-person?

A: The hands-on skill stations for the one-day instructor led course include IUPC, FSE and Leopold Maneuvers, and must be evaluated by the instructor in-person.

Q: What is the participant:teaching ratio for the revised courses. Will the number of the CNE/CME contact hours change?

A: The teaching ratio for the Intermediate Instructor Course changed to 1:6. The teaching ratio for the Intermediate and Advanced Courses will remain the same. Yes, the number of CNE/CME contact hours will change.

- Intermediate Course CNE/CME contact hours 11.25. Pharmacology content is 0.5 hours of the 11.25 nursing contact hours will be awarded for this course.
- Advanced Course contact hours 7 CNE/CME. Pharmacology content is 0.75 hours of the 7 nursing contact hours for this course.
- Intermediate Instructor Course named has changed to Intermediate Instructor Workshop and offers 5.75 CNE contact hours.

Q: Who monitors the participant:instructor teaching ratio since it is online prework?

A: The Instructor for the course will continue to monitor the teaching ratio and have control of the number of students who will attend the course. The student will continue to contact the Course Administrator/Instructor for entry access and availability to attend the course for Intermediate, Advanced and Intermediate Course Workshop.

Q: How will students access the online learning education, Intermediate knowledge test, their CNE, CME and Feedback Forms?

A: We have enhanced the current system students use to access their feedback/CNE/CME certificates. Students attending the Intermediate Course and Intermediate Instructor Workshop will complete the online education. The Student Materials includes instructions about accessing the online platform as well as the web URL address and a Unique Identifier Code preprinted under the scratch off coating.

Instructors must provide the participant with the course ID number and an Instructor ID number assigned to teach the course for participants to have access to the portal. The Unique Identifier Code, Course ID Number and Instructor ID number are required for each participant to complete the online education and obtain CNE/CME certificates. The Student Material ID is also used to access the online knowledge test and feedback.

Q: If we charge for the Instructor course should we have them fill out the Candidate's forms before providing them the instructor number?

A: Instructor Trainer may choose to provide candidates with their Instructor ID number for the online education prerequisite after the screening process is completed and the candidate is approved to attend the course.

Q: What are the prerequisite requirements for students to attend the Intermediate Course? Will participant need to have access to the Student Workbook to do the online portion before coming to the course?

A: Students are required to successfully complete all the online modules before attending the in-person course.

Yes, students must receive their Student Materials prior to attending the in-person course. Participants will have access to complete the online learning prerequisite starting 30 days before the in-person course date. Access ends one day before the in-person course. If not successfully completed one day before the in-person course, the participant is denied entry to the online prerequisite course. Additionally, participants not successfully completing the online prerequisite prior to the in-person course, Instructors should not allow participants entry to the in-person course.

Q: Are there rationales if the student gets the answers wrong on the Intermediate Course and Intermediate Instructor Workshop post-test?

A: Yes, the rationales are provided at the completion of the post-test. Students will have two attempts to pass the prerequisite post-test with a score of 80% or higher to proceed.

Q: Will the cost of the online learning prerequisite and in-person workbooks be priced together, or will there be two fees for each one?

A: We anticipate one fee for both Student Materials workbook. The materials will be purchased and shipped through Kendall Hunt.

Q: We have several new Instructor Candidates starting and have purchased the \$210 Instructor Course materials. Will they need to repurchase new materials?

A: The purchase represents AWHONN's student registration fee which includes the student materials and CNE/CME for students to successfully complete the course. The AWHONN student fee is paid through Kendall Hunt each time the individual attends any AWHONN course. Instructor Trainers should plan their teaching schedule to allow their candidate to complete the Instructor Course and a teach back prior to the release of the new materials. Otherwise, to support the candidate, Instructor Trainer may need to mentor the candidate before completing teach back with the new materials. We recommend that candidates do not purchase the Instructor Teaching materials until they successfully completed a teach back and receive change of status to Instructor. All Instructors must purchase or have access to the new Instructor Teaching materials.

Q: What is the format of the Students Materials? Is it still a PowerPoint handout style?

A: Yes, there is still a PowerPoint handout style. However, we have added materials to both the Intermediate and Advanced Courses to enhance the student's learning and provide resources that can be used beyond the course. The materials will also be in color for ease of viewing the slides that indicate blood flow, placental issues, etc.

Q. Once the new editions are released, will Instructors be required to purchase the entire new revised materials or certain portions? Will there be a transition period that Instructors can continue to teach with the existing materials?

A. Yes, once the new materials are released, Instructors must purchase the entire new edition materials. This is because the publisher will no longer sell or have available for purchase the previous editions whenever the materials are released. In addition, the revisions in the materials will impact content presented in the classroom and attempting to use the old editions would result in participants coming to courses with a mixture of old and new editions. These are the reasons all Instructors and course participants must purchase the new materials/editions.

We realize Instructors will need time to review and prepare for the changes. However, there will not be a transition period for Instructor's to continue to teach with the existing materials for the reasons stated above. We suggest you delay scheduling courses until you have opportunity to review the new revised materials.

Q: Will Instructors have access to the student pre-work and talking points?

A: Instructors will not have access to the online prerequisite portal. Only students with a Unique Student ID number will have access to the portal. Instructors will have access to the online prerequisite materials via the course outline with script and videos presented to answer the potential questions during the in-person experience. The materials will be included with the purchase of the Instructor Teaching materials.

Q: How will Instructors access the online roster.

A: The Course Administrators/Instructors will continue to register all courses at AWHONN website Registration Page. Instructors teaching the course will continue to access the Course Instructor Access Portal—<http://faculty.awhonn.pesgce.com> — Data Management System for all levels of Instructors to access the online roster. The portal allows Instructors to complete in-person attendance rosters by indicating "pass/fail" for the Intermediate and Intermediate Instructor Workshop.

Attendance roster management

Course 000W2023241 was offered on February 11th, 2021 in Jacksonville, NC

INSTRUCTIONS FOR THIS PAGE

[Toggle Instructions](#)

Attendance roster

Order	#	First (forename)	Middle	Last (surname)	E-mail	In-person completion
1	1	Cosmo		Kramer	ck@affinityced.com	Passed
2	2	Jerry		Seinfeld	js@affinityced.com	Passed

Questions Submitted by Students

(None Submitted)

Q: How will Instructors know if students completed the online learning prerequisite prior to attending the in-person course.

A. Instructors will have access and can start reviewing the online prerequisite attendee roster five days before the course to determine if the student has passed the online education. There will be a green check mark indicating “passed prerequisite exam.” Also, students successfully completing the prework requirements for the Intermediate and Intermediate Instructor Course names will populate to the in-person roster. Instructors will no longer enter student’s names for the online roster since students completed an online registration form during the prerequisite entry process. Advanced Course Instructors will continue to complete the online roster.

Prerequisite Attendance Roster

Attendance roster for course 000W2023241

This roster was last updated on April 22nd, 2021 at 5:53PM PDT.

Click the “Home” icon (🏠) in the navigation bar above or “Return to your home page” link below to return to your home page.

Please scroll down the page see questions submitted by participants during the prerequisite training.

Attendee roster

1. Cosmo Kramer • <ck@affinityced.com>  Passed prerequisite exam • In-person completion: **passed**
2. Jerry Seinfeld • <js@affinityced.com>  Passed prerequisite exam • In-person completion: **passed**

[Mark In-Person Completion](#)

Questions Submitted by Students

(None Submitted)

Q: What happens if a student/learner does the prework and did not attend and/or if the course was cancelled.

A: It is encouraged that the student completes the in-person course at the time the course is to be held and with the Instructor for the course. We understand that circumstances occur.

AWHONN will evaluate on a case-by-case basis. The student will potentially have three months to complete the in-person course. The Instructor would need to notify the FHM Team at fhm@awhonn.org with the name of the student, the original course number/date, upcoming course number/date and the name of the Instructors. However, if your facility or Instructor cancels the course, the student can move to an upcoming course. The Course Administrator would update the new course date at the AWHONN Registration page and notify an FHM Team Member with the course ID number and new date of the course.

Q: Will Instructors have access to participants certificates? I have Directors from facilities asking for copies when staff cannot find them?

A. No. AWHONN considers course participants confidential. Participant can contact fhm@awhonn.org for assistance in retrieving their certificate.

Q: Will the Intermediate Course test be online and required or optional?

A: Successful completion of online Intermediate test will be required for participants to receive CNE/CME certificate. The test is only available **online** after the participant successfully complete the prerequisite and the in-person experience. Instructors must complete the online roster and mark as “pass/fail.” Participants will not have access to the online test until “pass” is marked on the online roster. The online test success is delineated by correct completion of 40 of the 50 questions, scoring a minimum of 80%. Participants are given two chances to successfully pass the online test.

Q: Is it possible to do the Intermediate online test at the end of the class?

A: Completing the Intermediate Test at the end of the course is required by AWHONN. If the participant has access to a computer and/or your facility provides computer lab, it is at hospital facility and/or the Instructor’s discretion should the student complete the test immediately at the end of the class.

Q: How long after in-person class do participants have to take the online test?

A: Participants must complete the online knowledge test and course feedback to get their certificate. Participants have up until 30 days to complete the process. CNE/CME will be available online for participants immediately only after successfully completing the online knowledge test and feedback form. Participants will not have access to the test and feedback form until the Instructor stores their “pass” mark in the system.

Q: Will the Intermediate exam be proctored or open book?

A. The Intermediate exam is taken online. Instructors may make arrangements to proctor students, but it is not a course or instructor requirement. Using the current model of the Advanced Course online test, that test is also taken online without proctoring requirements unless a facility requires that for their own students.

Q: How do the student and Instructor know if the Intermediate test was completed?

A: If the student successfully completed the test scoring at least 80%, they will have access to the evaluation to get their CNE/CME Certificate. Instructors can log in to the Data Management System at <http://faculty.awhonn.pesgce.com> to review the participant's proficiency test results for courses they have presented.

Q: What is our requirement to teach these courses? Will the requirements to be an instructor change?

A: The specific requirements for each of the Instructor levels and the number of courses taught within the FHM Program to maintain teaching status is determined by the Instructor level that you hold. Instructors will continue to teach 25% of the program. Effective **May 31, 2023**, Instructors teaching the AWHONN Fetal Monitoring Program will be required to maintain and be certified by the National Certification Corporation in Inpatient Obstetric Nursing (RNC-OB®) or Electronic Fetal Monitoring (C-EFM®). Instructors will not be able to teach if the certification is not current. This process is required every 3 years and will expire from the NCC certification expiration date.

To obtain certification: Instructors who are not yet certified, certification is required prior to May 31, 2023. When you are ready to schedule the exam, log into the NCC site, sign up for the certification test you decide to take, upload your instructor certificate dated the same day you sign up for the test, and pay the fee. To assist those who need to be certified, NCC offers a "second chance free" voucher for the first year that provides instructors with the opportunity to retake the test for the same certification (after 90 days) free of charge if the first testing attempt was unsuccessful. This offer expires on May 13, 2022. Details on the "second chance free" may be found at the [NCC website](#), click on the Certification link, and then on the "Register with a review course voucher" (please see below). When you go to this link, you will be prompted to enter your voucher code provided by AWHONN, D6QHFC, and upload your Instructor Certificate. (We know that this is not a review course voucher, but the process for getting to the "second chance free" for FHM Instructors will be the same.)

Q: Will the Advanced Course test be required or optional?

A: The Advanced Course test will continue to be online and optional. Facilities that require participants to complete the test, should ensure that participants are told this during the classroom experience, so the participants do not skip the test portion when entering the Evaluations and Certification Portal. Instructors should direct participants to the Evaluations and Certificate Portal at <https://ce.awhonn.pesgce.com> to complete the online optional test after the in-person course if required by their facility. Test success is delineated by correct completion of 40 of the 50 questions, scoring a minimum of 80%. Participants are given two chances to successfully pass the online test. Advanced Instructor can continue to review participants' test results that are recorded online in the faculty portal at <http://faculty.awhonn.pesgce.com> in the Review Examination Results.

Q: When will the new edition of textbook be released?

A: The 6th Edition Fetal Heart Monitoring Principles and Practice Textbook is available effective June 1, 2021. The text is available in two formats (eBook and print book). This book will be used and support the current courses.

- eBook may be purchased for \$64.95 for the life of the book and for single key/individual use.
- Print copy of the book for the price of \$76.95. Does not include shipping and handling.
- Purchased through Kendall Hunt at ordernow@kendallhunt.com or 1-800-338-8290.
- Large volume discount orders also are available through Kendall Hunt. Discounts are provided at the following bulk purchases: 24 = 5%; 48 = 10%; 144 = 15%; 250 = 20%; 500 = 25%.
- Purchase a hardcopy of the text from the AWHONN Store at www.awhonn.org. The AWHONN Member price is \$61.95 (only one copy at the member price may be purchased per AWHONN ID number).

All Instructors are expected to purchase either hardcopy of the eBook of the 6th edition textbook and become familiar with the content as this book is the assigned primary reference of all the AWHONN Fetal Monitoring Courses and programs. The fifth edition is no longer be available.