



# IMAGING NURSE REVIEW COURSE

ASSOCIATION FOR RADIOLOGIC & IMAGING NURSING  
*The Premier Radiology Nursing Organization*  
[www.arinursing.org](http://www.arinursing.org)





*"The course was very thorough. It seems to be an ideal study tool for the CRN. I appreciate that it provided greater details and not just an exact redundancy of the IR*

The ARIN Imaging Nurse Review Course is a 2-day course designed to provide an overview of the skills required for the nurse working in the imaging, interventional, and therapeutic environments.

This course can also be used to prepare for the radiologic nursing certification exam. It is not designed as a single study tool to prepare for this exam; however, it is a useful resource when used in conjunction with other study materials.

#### **PURPOSE AND GOALS FOR THE COURSE:**

This educational program will provide a review of selected topics which can help prepare experienced Imaging nurses for the Certified Radiology Nurse (CRN) examination. This course is intended for the Imaging nurse who already has a strong knowledge base of radiology nursing. This course does not guarantee that participants will pass the certification exam. Individual participants are highly encouraged to take the time to study and gain mastery of the topics.

#### **OBJECTIVES FOR THE COURSE:**

Upon completion of the two-day course the participant will be able to:

1. Identify 3 different modalities where biopsies can be done and the advantages and disadvantages of each.
2. Describe at least 3 non-vascular interventional radiology imaging studies including purpose and patient care considerations.
3. Describe the purpose and patient care considerations for at least 3 different nuclear medicine studies.
4. Discuss how and why diet and exercise prior to a FDG positron emissions tomography scan can negatively impact the study.
5. Compare the breast imaging techniques of mammography, MRI, ultrasound, and breast tomosynthesis including the advantages of each modality.
6. Describe the basic principles of computed tomography (CT), Magnetic Resonance Imaging (MRI), and Ultrasound (US)
7. Identify complications related to contrast administration and be able to describe prevention and treatment of each.
8. Identify nursing care of patients before, during, and after at least 2 different diagnostic radiology procedures.
9. Discuss the differences between ionizing and non-ionizing radiation and identify 3 ways to ensure safety for patients and staff in the imaging environment.
10. Describe how to ensure safety during procedural sedation by identifying required RN competencies, defining levels of sedation, identifying patients at risk, and listing common sedation medications and reversals.
11. Name and define 2 legal and regulatory considerations in the Imaging Environment
12. Discuss Radiation Therapy including methods of delivery and populations that would benefit from its use.
13. Identify unique safety considerations in the use of Ultrasound contrast.

## SAMPLE SCHEDULE FOR THE COURSE\*

### DAY 1

7:30am - Pretest, Introductions, and Course Overview

Radiation Safety

Radiation Therapy

Contrast Agents

Break

Allergic Reactions & Extravasations

Diagnostic Imaging

Lunch

Interventional Non-Vascular

Computed Tomography/CT

Break

5:00pm Ultrasound/Breast Health

### DAY 2

7:30am - Welcome/Announcements

Procedural Sedation

MRI

Break

Nuclear Medicine/PET

Lunch

Interventional Radiology Vascular Procedures

Break

Ordering of Exams

Professional Issues

4:30pm Scenarios, Certification Preparation, Wrap Up

*\*subject to change*

*"I feel more confident to take the CRN exam having the lecture material written out and organized in sections allowed for better listening so as not to miss important points; less note taking. Easier to review along with the Core Curriculum manual, thank you."*

- Barbara Lokey  
BSN Clinical Nurse  
Radiology  
University Hospitals  
Case Medical Center





*“ This course was a great review for the Imaging Nurse Certification exam. It was especially beneficial to me in that it covered areas within Imaging Services that I do not have practice experience in. For generalists, it is a great review. For specialists, it will cover areas where you lack competencies. The best part of the experience is being able to discuss specific examples of challenges that you face and hear how someone in another part of the country has found a way to overcome that challenge.”*

- Priscilla Moyer, MSN, RN, CAPA, NE-BC  
Caromont Regional Medical Center  
Gastonia, NC

## HOST AN ARIN IMAGING NURSE REVIEW COURSE AT YOUR FACILITY

We understand it may not be ideal to send a large group away for training, especially with budget restrictions - so we make house calls.

The ARIN Imaging Nurse Review Course is available to be presented on-site at your facility by ARIN master faculty. Your organization can host the course and have our faculty train your staff (and others) in your facility.

### AS A HOST FOR THE COURSE, YOU WILL DO THE FOLLOWING:

- The course will be held over two days.
- The Course Fee is \$7,000.00.
- Purchase and display the ARIN Tool kit (\$240.00).\*
- Arrange for a facility/classroom in which to hold the course.
- Market/advertise the course.
- Provide copies of the course syllabus to participants.
- Handle registration and on-site coordination for the course.
- Coordinate with ARIN national to ensure a complete roster of participants.

### ARIN WILL DO THE FOLLOWING:

- Coordinate the schedule with the faculty.
- Pay faculty speaker's fees and expenses.
- Book and pay travel and lodging for the speaker.
- Provide one (1) copy of the course syllabus.
- Advertise the course in every available issue of ARIN's bi-monthly newsletter, "Vision" prior to the course.
- Post the course dates on the ARIN website.
- Send routine email blasts to the member database advertising the course.
- Provide contact hour certificates for the full two-day course; there is no partial credit for a single day.

### PARTICIPANTS CAN EARN EITHER,

#### **15 contact hours approved by the Georgia Nurses Association.**

This activity has been approved by the Georgia Nurses Association for 15 contact hours. Georgia Nurses Association is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

This activity approved by the California Board of Registered Nursing. Provider #16380 for 15 contact hours.

\*Refer to your state nursing board for licensing requirements.

### OR

#### **15 contact hours approved by American Registry of Radiologic Technologists (ARRT).**

This continuing education activity is approved for 15 credit hours by AVIR. An accredited RCEEM by The American Registry of Radiologic Technologists (ARRT).

\*Tool kit includes ARIN Core Curriculum, Orientation Manual, and Scope and Standards of Practice.

Facility can opt for the CRN Tool kit which also includes the CRN Prep: The Practical Study Guide (\$275.00)

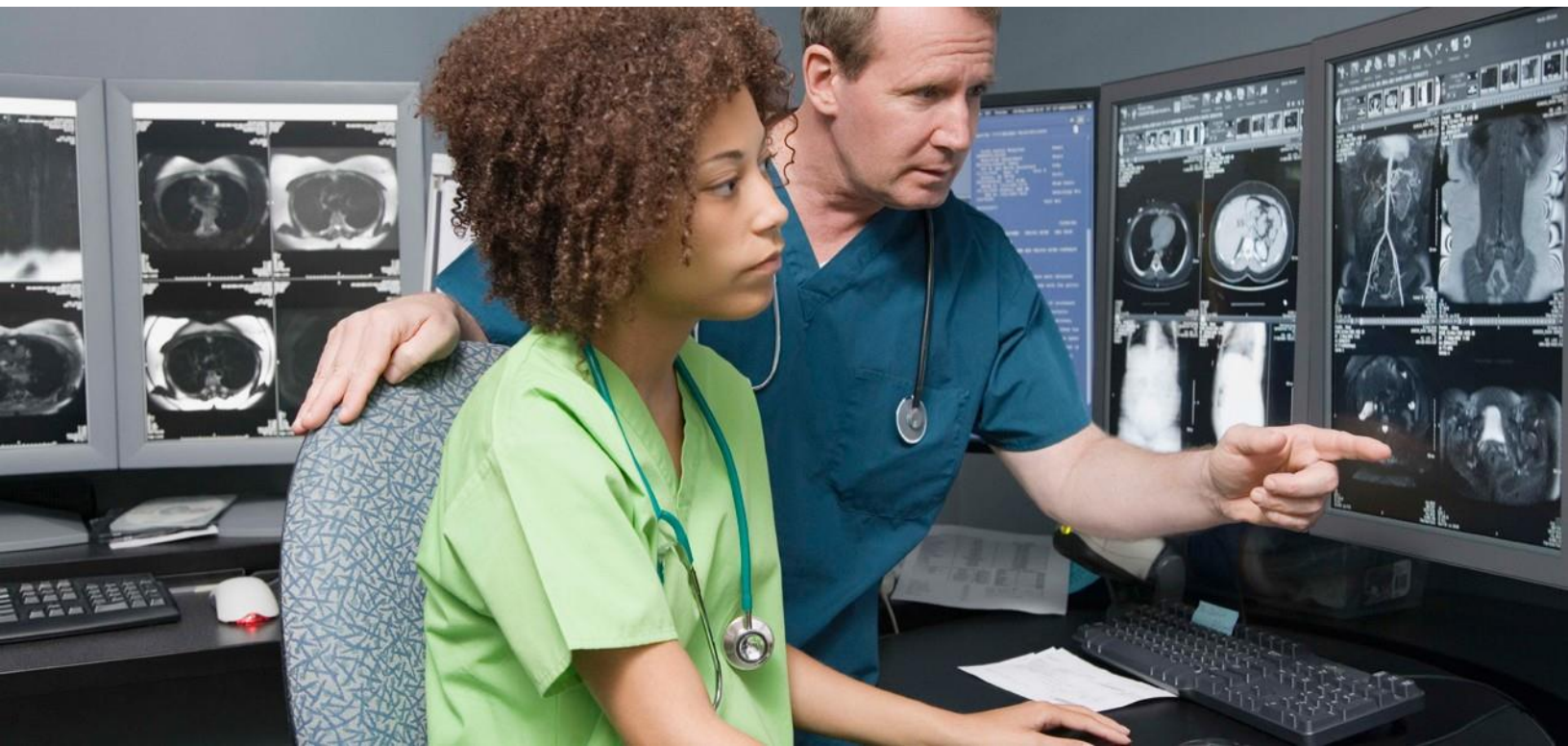
Once the course has been approved, and the sponsors and ARIN have agreed upon the dates, ARIN will send you a contract. Once the contract has been signed, it will be necessary for you to determine the following:

- Location
- Fees and discounts
- Meals/snacks (if provided)
- Minimum number of participants based on your expenses
- Registration dates and deadlines
- Policy for on-site registration

Finally, you will develop with ARIN the promotional piece that will include the following information:

- Location, fees, dates
- Instructor's bio
- Purpose of course and course content
- Contact hour information
- Target audience
- Driving/parking instructions
- ARIN logo
- Cancellation policy

Please complete the "Request" form and return to the office so we can reserve faculty for your course. If you have questions please email the ARIN office at [info@arinursing.org](mailto:info@arinursing.org)





## IMAGING NURSE REVIEW COURSE

ARIN offers other educational resources to foster the growth of nurses who advance the standard of care in the imaging environment. The following publications can be purchased on the ARIN website or at the ARIN Convention.

### **ARIN Core Curriculum, 3rd Edition Book**

**Member: \$150.00 / Non-Member \$175.00**

The *Core Curriculum's* a must have resource if you are preparing for CRN® certification. Capturing the basic knowledge needed to be a competent radiology nurse, this publication is a quality product that will be useful not only for radiology nurses but for other nurses and healthcare professionals who are seeking information about procedures and imaging. The authors for the Core include nurses, radiologists, technologists, a physicist and a pharmacist who come from academic and community medical facilities.

#### **Customer Review: Cathy Chapman**

“This a great reference book for nurses in Radiology nursing. The book is written with the bedside radiology nurse in mind. I like to keep it close to me while I work. The core curriculum's an excellent reference book for anyone taking the CRN exam. This is the only book of this kind that I am aware of. This book is also a great supplement for anyone taking the CRN review classes offered by ARIN.”

### **Orientation Manual for Radiologic and Imaging Nursing Three Ring Binder**

**Member \$85.00 / Non-Member \$ 95.00**

Historically our radiology nurse colleagues walked into their respective imaging departments not fully understanding their new role or how to make it reality. Very few nurses had a formal introduction into radiology; rather, nurses began to apply our skills in this technology dominated world as we identified the need. Entering radiology proved to be a challenge as we mastered a foreign language and gained an appreciation for the radiologists and technologists with whom we work. Over time, nurses began to compile their knowledge to pass onto new nurses; thus the formal orientation process was born.

### **CRN Prep: The Practical Study Guide**

**Member \$55.00 / Non-Member \$75.00**

The Certification Examination for Radiologic Nursing in Imaging, Interventional, and Therapeutic Environments is a written examination composed of a maximum of 200 multiple-choice, objective questions.

The 200 example questions in this book were created by individuals with expertise in radiology nursing and were reviewed for construction, accuracy, and appropriateness by other expert Certified Radiology Nurses. None of the questions from the book will appear in the exam and are to be used for purpose of samples of the type of what might be seen on the exam.

The size has been created with the intent of fitting into your lab coat pocket, to be studied as your time allows.

## **Radiologic & Imaging Nursing: Scope & Standards of Practice**

**Co-published with the Association for Radiologic and Imaging Nursing ARIN and ANA  
Member \$29.95 / Non-Member \$39.95**

*Radiologic and Imaging Nursing: Scope and Standards of Practice* is a must have title for radiologic and imaging nursing practitioners, educators, students, and other healthcare workers directly involved in this area of practice. This new edition contains up-to-date information on this exciting and dynamic specialty that combines cutting-edge technology with the art and science of nursing. It builds upon the previously published *Radiology Nursing: Scope & Standards of Practice (2007)* by incorporating the broader practice environment that nurses working in this specialty are encountering in their nursing practice. It guides and supports the imaging APNs practice from assessment and diagnosis through treatment and evaluation, with emphasis on maintaining a safe environment. The 16 standards are those by which all RNs in radiologic and imaging nursing are held accountable for in their practice. Each standard is measurable by a set of specific competencies that serve as evidence of minimal compliance with that standard.

## **Journal of Radiology Nursing**

The Journal of Radiology Nursing is the official publication of the Association for Radiologic & Imaging Nursing (ARIN) and is designed for radiologic and imaging nurses as a forum to share knowledge and experiences pertaining to radiology and imaging nursing, including areas of education, administration, research, patient care, and case studies. Topics on personal experiences are also encouraged. The *Journal of Radiology Nursing* promotes the highest quality patient care in the diagnostic and therapeutic imaging environments. The content is intended to show radiology nurses how to practice with compassion, competence, and commitment, not only to patients but also to the profession of nursing as a whole. The journal's goals mirror those of the Association for Radiologic & Imaging Nursing: to provide, promote, maintain, and continuously improve patient care through education, standards, professional growth, and collaboration with other health care providers. Visit [www.radiologynursing.org](http://www.radiologynursing.org).

All members of ARIN receive a subscription to the Journal of Radiology Nursing as a part of their annual dues. To order this journal on line, and for more information, go to: [www.elsevierhealth.com/](http://www.elsevierhealth.com/).



**I am requesting to**  
**HOST AN ARIN IMAGING NURSE REVIEW COURSE AT MY FACILITY**

Main Contact will be \_\_\_\_\_

Name/ Degrees \_\_\_\_\_

Title \_\_\_\_\_

Facility Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Postal Code \_\_\_\_\_ Country \_\_\_\_\_

Email \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Please list three possible dates when you are interested in hosting the course. Please indicate if you are looking to host during the work-week or on a weekend.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

Please tell us how many participants you expect. \_\_\_\_\_

Are you willing to accept outside participants who may contact ARIN?

Yes, we can accommodate outside participants.

No, I am sorry we cannot accommodate outside participants at this time.

Submit questions and your request to the ARIN National Office

E-mail: [info@arinursing.org](mailto:info@arinursing.org)

Mail: ARIN National Office, 2201 Cooperative Way, Suite 600 Herndon, VA 20171

Main: 886-486-2762

Fax: 703-884-2229

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