



Imaging Education Associates is pleased to offer...
**Virtual Accelerated Internship Programs in
Magnetic Resonance Imaging (MRI) for the RT!**

Offered online and on demand from anywhere in the world.

YOUR HOME! YOUR PACE! YOUR CREDITS!

This all-inclusive program will provide 36 hours of lectures covering the basic concepts of **MRI (Magnetic Resonance Imaging)**. We also offer **CT (Computed Tomography)**, **Ultrasound (Sonography)**, and **coming soon, Mammography**. Each 12 topic lecture module will be available to you on line and on demand (24 hours a day / 7 days a week).

*Please note you will have access to the courseware for **1 year** after the date of purchase*

Information for Technologists Regarding Virtual Topics:

- This course will be available at your convenience 24 hours a day / 7 days a week.
- Includes the Virtual component (36 hours of on-line video lectures, on-line and on-demand).
- Each course includes 12 topics.
- Each topic includes three lectures complete with... streaming video, power point visual aids, handouts, worksheets, discussion forum and a course evaluation survey.
- Each topic is worth category "A" credits provided it has been completed as designed.
- The actual number of credits will vary by topic.
- To get your credits, you must **view** the video module, then **complete** the post test by passing score of **75% or higher**. (This is according to the ARRT, ASRT and SMRT standards for continuing education)

For a Free demonstration of the on-line video lectures go to www.imaginged.com

In the upper right hand corner of the "Home Page" you will find a "How to" video.

For directions for how to access our on-line courseware, print the "Virtual Course Directions" flyer.

Pre-Requisites

To qualify for any of the advanced level examinations offered by the ARRT (for example MRI, CT, Ultrasound, Mammography, Cardiovascular) you **must** be a registered technologist (RT) in Radiography, Radiation Therapy, Nuclear Medicine or Sonography.

Registration and Fees for the Program:

- Go to www.imaginged.com
- From the home page:
 - Choose your choice of Imaging Modality (MRI,CT or US)
 - Choose Course Method (Virtual)
 - Choose Course Type (Full Course or Individual Modules)
- Registration Fees
 - Full course - \$1500.00 (Includes: 12 Topics x 3 video lectures for a total of 36 hours of video lectures)
 - Individual modules - \$135 per topic (Each topic includes 3 video lectures)
 - Approved for Category "A" credits (The exact number of credits will vary by topic).



Virtual MRI Lectures!

Discussion forum is always open for your questions

Topic #1 Introduction to Magnetic Resonance Imaging 2.5 category A credits

This course provides an overview of MR imaging. Within this program the attendee will be introduced to MR imaging, the principles, the instrumentation, the history of MR, imaging planes and clinical indications for MR imaging. This course not only serves as an introduction to MR imaging, but also as a general overview of the didactic component (or the virtual classroom portion) of the on-line internship program.

<u>Course Name</u>	<u>Speaker</u>
MR 1.1 What do we need to make MR Images?	Candi Roth
MR 1.2 What Types of Images can be acquired with MR?	Candi Roth
MR 1.3 Where did MR come from & Why do we do it?	Candi Roth

Topic #2 MR Instrumentation 3.0 category A credits

This course provides a review of magnetism. Within this three hour program the attendee will be presented with the specifics of MR instrumentation and hardware required for MR imaging.

<u>Course Name</u>	<u>Speaker</u>
MR 2.1 Magnetism & MR Magnets	Candi Roth
MR 2.2 MR System Components	Candi Roth
MR 2.3 Radiofrequency Coils	Bill Faulkner

Topic #3 Patient Care & MRI Safety 3.0 category A credits

This course provides an overview of the safety considerations associated with MR Imaging. Within this three hour program the attendee will be presented with the bioeffects and patient care issues associated with MR imaging.

<u>Course Name</u>	<u>Speaker</u>
* MR 3.1 General Patient Care in Imaging	Joy Fox
MR 3.2 Safety Considerations for the Magnetic Field	Candi Roth
MR 3.3 Additional MR Safety Considerations	Candi Roth

Topic #4 Principles of MRI 2.0 category A credits

This course provides an overview of the principles of MR Imaging. Within this three hour program the attendee will be presented the effects of nuclei in a magnetic field, excitation and relaxation.

<u>Course Name</u>	<u>Speaker</u>
MR 4.1 What Nuclei are MR Active?	Candi Roth
MR 4.2 Excitation in MR	Candi Roth
MR 4.3 Relaxation in MR	Candi Roth

Topic #10 Musculoskeletal Imaging**3.0 category A credits**

This course provides an overview of MR imaging of the musculoskeletal system. Within this three-hour program the attendee will be presented the anatomy, pathology and imaging techniques for TMJ, shoulder, elbow, wrist, hip, knee, ankle and associated structures.

Course NameSpeaker

- * MR 10.1 Musculoskeletal Sectional Anatomy
- MR 10.2 MR Imaging Upper Extremity
- MR 10.3 MR Imaging Lower Extremity

Candi Roth
Tony Festa
Tony Festa

Topic #11 Body Imaging**3.0 category A credits**

This course provides an overview of MR imaging of the body. Within this three-hour program the attendee will be presented the anatomy, pathology and imaging techniques for chest (including cardiac), breast, abdomen, male pelvis and female pelvis and associated structures.

Course NameSpeaker

- * 11.1 Sectional Anatomy of the Body (Chest, Abdomen, Pelvis)
- 11.2 MR of the Abdomen & Pelvis
- 11.3 MRI of the Chest

Candi Roth
Tony Festa
Joe Shea

Topic #12 MRI Registry Review**2.0 category A credits**

This course provides a full review of all aspects of MR imaging. Within this three-hour program the attendee will be presented a review of the entire course in order to prepare for the MRI Boards.

Course NameSpeaker

- 12.1 What do the Content Specification say about the "MRI Boards" & What are the Clinical Requirements?
- 12.2 Patient Care & Imaging Procedures Review
- 12.3 Data Acquisition and Processing & Physical Principles of Image Formation

Candi Roth
Candi Roth
Bill Faulkner
