

2019

MRI Training Course

7 Day Course
56.25 Category A Credits

In the Classroom:

Feb 3-9 - Milwaukee, WI

Apr 28-May 4 - Milwaukee, WI

Sep 22-28 - Milwaukee, WI

Online Webinar:

Feb 3-9

Apr 28-May 4

Sep 22-28

MTMI Medical Technology
Management Institute
A Continuing Education Division of CHCP

- • Sunday - 8:30 am - 4:30 pm • •
 - Orientation
 - Nuclear magnetism
 - System components
 - Ethical principles
 - Patient care: assessment, monitoring & communication
 - Patient education -infectioncontrol
 - History of MRI
 - Tissue characteristics
 - Coil selection
 - MR screening and safety - an introduction
 - Contrast media safety
 - MR fundamentals
 - Spatial localization
 - Legal principles
- • Monday - 8:30 am - 4:30 pm • •
 - Review of MR fundamentals and MR parameters
 - Spatial localization
 - Artifacts
 - Anatomy review ~ head, body, spine, extremities
 - Pulse sequences
 - Patient positioning
- • Tuesday - 8:30 am - 4:30pm • •
 - MRI overview
 - MR parameters
 - History of MRI - safety/current statistics
 - ACR/FDA requirements/recommendations
 - Training/ASTM labeling
 - Time varying magnetic fields
 - Radiofrequency
 - Infection control
 - MRMD/MRSO/MRSE
 - Implants/understanding implant cards
 - How to manipulate parameters / label for implants
 - Radiofrequency
 - Sedation/communication
 - Contrast media
 - Policies/legal liability
 - Magnetic field
 - Image quality
 - Main magnetic field
- • Wednesday - 8:30 am - 4:30 pm • •
 - Imaging options
 - Protocol development
 - MR concepts review
 - Image quality and contrast
 - Anatomy review & case studies
 - ARRT Exam Prep / Content Specifications
- • Thursday - 8:30 am - 4:30 pm • •
 - Review of MR imaging concepts and parameters
 - Review K-space data manipulation
 - Review of basic and advanced pulse sequences
 - Artifacts and system malfunctions
 - Review fast scanning techniques
 - Advanced imaging concepts
- • Friday - 8:30 am - 4:30 pm • •
 - Advanced imaging options
 - New MRI applications
 - ACR MRI accreditation
 - MR safety considerations
 - Spectroscopy
 - Diffusion Tensor Imaging (DTI)
 - NSF
 - MRI of peripheral nerves (PNI)
 - Pediatric MR
 - 3T vs. 1.5T
 - Quality control
 - Advanced neuro imaging
 - Functional MRI
 - Contrast media safety
 - Neurography
 - Advanced spine imaging
- • Saturday - 8:00 am - 3:00 pm • •
 - Special imaging techniques
 - MR Angiography & Cardiac imaging
 - Body imaging
 - Fetal imaging
 - American Board of Magnetic Resonance Safety (ABMRS)
 - MR Safety Officer - MRSO
 - MR Safety Expert - MRSE
 - MRI case based studies
 - Monitoring techniques
 - New MRI applications
 - MRI of the liver
 - MR Medical Director - MRMD

~ Schedule subject to change ~

About this Course:

The 7 day format provides a comprehensive learning experience that includes the basic principles and concepts of MRI, techniques in manipulating MR parameters to optimize image quality, pulse sequences, artifacts, patient education, screening and safety considerations, anatomy and physiology, case studies, MR protocols and more.

This comprehensive MR course still covers all the content of our original two week program in a schedule that is more convenient for you. You will be taught by experienced MRI instructors and you will gain a complete set of skills to begin a promising career in the field of MRI, which continues to have a significant impact on medicine. A knowledge of MRI technology will provide a basis for growth and future opportunities for those trained in this modality.

You should attend this course if you are a radiologic technologist or if you have experience in the imaging sciences with basic or no previous MR experience. If you are interested in learning the principles necessary to operate a MR scanner to its optimal level, this program is for you.



Course Credit:

This program provides 56.25 hours of Category A continuing education credit for radiologic technologists approved by SMRT and recognized by the ARRT and various licensure states. Category A credit is also recognized by CAMRT's Continuing Education Credit Approval Program for CE credit in Canada. You must attend the entire program to receive your certificate of completion.

This 56.25 credit activity provides the 16 hours of structured education related to the content specifications outlined by the ARRT, required for certification and registration.

2019 MRI Training Course

Print Name: _____
This is how your name will appear on your certificate.

Home address: _____

City: _____ State: _____ Zip: _____

Day phone: (____) _____ Evening phone: (____) _____

Email: _____

(confirmation email will be sent to this address)

Check one: Personal Check or Master Card, Visa, AMEX, Discover
 cc#: _____

Exp. date: _____ 3 dig code: _____

	price	*early price	member price	*early member price
Tech/Nursse	\$1755	\$1655	\$1730	\$1630
MTMI membership	\$39 (discount effective immediately)			
Date attending:	<input type="checkbox"/> in Milwaukee		<input type="checkbox"/> Webinar	
<small>* Qualifying 'Early' registrations must be made at least 21 days in advance for the program.</small>				



PLEASE ENCLOSE PAYMENT TO:
MTMI

W140 N8917 Lilly Road
 Menomonee Falls, WI 53051

register online at **www.mtmi.net**

or call 262-717-9797 or 800-765-6864 or fax this form to 414-238-2740

